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United States
Environmental Protection Agency
and
Texas Natural Resource Conservation Commission

1995 Waste Minimization Report

INSTRUCTIONS
AND
FORMS

United States
Environmental Protection Agency
and
Texas Natural Resource Conservation Commission

1995 Waste Minimization Report

INSTRUCTIONS
AND
FORMS

Texas Natural Resource Conservation Commission
Industrial & Hazardous Waste Division (MC-129)
Waste Evaluation Section
P.O. Box 13087
Austin, Texas 78711-3087

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Texas Natural Resource Conservation Commission
Post Office Box 13087
Austin, Texas 78711-3087

WHO MUST FILE THE 1995 WASTE MINIMIZATION REPORT

SITES REQUIRED TO FILE THE REPORT

You are required to file the 1995 Waste Minimization Report if this site met the definition (see below) of a RCRA Large Quantity Generator (LQG) during 1995, or

this site treated, stored, or disposed of RCRA hazardous wastes on site in units subject to RCRA permitting requirements during 1995. See WHICH FORMS TO SUBMIT page 2, to determine which forms must be submitted.

Definition of a RCRA Large Quantity Generator

This site is a large quantity generator if, in 1995, the site met **any** of the following criteria:

(a) The site generated in any single month 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

(b) The site generated in any single month, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste (See Definitions, page 23); **or**

(c) The site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

NOTE: Wastes treated in units exempt from RCRA permitting requirements are not to be counted in determining whether a site is a Large Quantity Generator. However, if a site is required to file the Waste Minimization Report, EPA requests that wastes treated in exempt units are to be reported.

SITES NOT REQUIRED TO FILE THE REPORT

You are not required to file the 1995 Waste Minimization Report if, during 1995, this site was NOT a RCRA LQG and did NOT treat, store, or dispose of RCRA hazardous wastes on site in units subject to RCRA permitting requirements. However, you are requested to return the postcard found on the back cover, to indicate you are exempt from the report requirement. EPA will use the postcards to distinguish sites exempt from reporting from those sites out of compliance.

PURPOSE OF THE 1995 WASTE MINIMIZATION REPORT

The U.S. Environmental Protection Agency's (U.S. EPA) mission to protect human health and the environment includes the responsibility to effectively manage, with the States, the nation's hazardous waste. As part of this task, U.S. EPA and the state of Texas collect and maintain information about the generation, management, and final disposition of hazardous waste regulated by the Resource Conservation and Recovery Act (RCRA), and about efforts to minimize or reduce these wastes.

The U.S. EPA and the Texas Natural Resource Conservation Commission (TNRCC) prepared this booklet for generators and treatment, storage, and disposal facilities to report their waste minimization activities for 1995. The information collected will be used to:

- Provide EPA and the State with an understanding of hazardous waste generation, management, and waste minimization activities in the state of Texas;
- Help measure the quality of the environment;
- Assist the state of Texas in preparing the hazardous waste capacity assurance plan required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended; and
- Communicate the findings to the public, primarily through the 1995 National Biennial RCRA Hazardous Waste Report.

In order to accomplish these goals, the data you provide will be entered into a computer database by the TNRCC. After review to ensure the quality of the data, a national database will be assembled. Your efforts in carefully filling out the required forms are greatly appreciated.

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TNRCC OFFICE ADDRESS

All Texas generators must return the 1995 Report to:

Texas Natural Resource Conservation Commission
Industrial & Hazardous Waste Division (MC-129)
Waste Evaluation Section
P.O. Box 13087
Austin, Texas 78711-3087

Questions:

Waste Report Audit Team
(512) 239-6832

INSTRUCTIONS FOR FILING
THE 1995 WASTE MINIMIZATION REPOR T

INTRODUCTION

This booklet is prepared by the United States Environmental Protection Agency (U.S. EPA) and the Texas Natural Resource Conservation Commission (TNRCC) for generators and treatment, storage, and disposal facilities to report their waste minimization activities for 1995.

AUTHORITY

Your site may be required to file this report under the Resource Conservation and Recovery Act (RCRA) of 1976.

The authorizing legislation for the 1995 Waste Minimization Report is contained in Sections 3002 and 3004 of the Resource Conservation and Recovery Act of 1976, as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Section 3002 requires hazardous waste generators to report to EPA or authorized States, at least every two years, the quantities, nature, and disposition of generated hazardous waste and the efforts taken to reduce the volume and toxicity of hazardous waste in comparison to previous years. Under the authority of Section 3004, EPA has extended the reporting requirements to treatment, storage, and disposal facilities for the wastes they receive.

Overview of the 1995 Waste Minimization Report

To determine whether you are required to file the Report, read WHO MUST FILE THE 1995 WASTE MINIMIZATION REPORT on the inside front cover. A postcard is provided in the forms packet for sites not required to report. If you are not required to file the Report, send the postcard back to the TNRCC Office listed on page v.

WHAT TO REPORT is described on page 2. Included are instructions for reporting State wastes and wastes managed in units exempt from RCRA permitting requirements.

WHICH FORMS TO SUBMIT, on page 2, describes circumstances and situations under which each of the forms should be completed.

Explanations of the guidelines used to fill out the Report forms are specified on pages 2 through 5, HOW TO FILL OUT THE FORMS. A telephone help line number is provided to assist you with questions not addressed by the instructions.

WHEN AND WHERE TO FILE, page 6, provides the filing date and details the procedures to obtain an extension of the filing date for your site Report. The return address for your site is specified on page v.

Detailed instructions for filling out each of the forms begin on page 7. Definitions of key terms and explanations of acronyms and abbreviations are on pages 23 through 29. Lists of codes too long to include in the text of instructions begin on page 35, starting with the list of EPA Hazardous Waste Codes.

The EPA 1995 WASTE MINIMIZATION REPORT SUBMISSION CHECKLIST, found in the forms packet, will help you determine whether your submission is complete.

WHAT TO REPORT

If your site is required to file the 1995 Waste Minimization report, report any new waste minimization activities during 1994 or 1995 resulting in reductions in the volume or toxicity of hazardous wastes generated or subsequently treated, stored, or disposed. Include new source reduction or recycling activities affecting any of the following types of wastes:

- All RCRA hazardous wastes and acute hazardous wastes generated; shipped off site; or treated, disposed, or recycled at your site;
- All RCRA hazardous wastes received from off site;
- All hazardous wastes regulated by the TNRCC;
- All hazardous wastes managed in units subject to RCRA permitting requirements;
- All hazardous wastes managed in units exempt from RCRA permitting requirements;
- Radioactive wastes if mixed with RCRA hazardous wastes;
- Hazardous wastes generated as a result of RCRA Corrective Action or other remedial activity; and
- RCRA hazardous wastes generated at Superfund remediation sites.

WHICH FORMS TO SUBMIT

This Report contains two forms:

Form IC	All sites required to file the 1995 Waste Minimization Report must submit Form IC.
Form WM	A site required to file the 1995 Waste Minimization Report must submit Form WM for each hazardous waste minimized as a result of new activities implemented in 1995.

HOW TO FILL OUT THE FORMS

The TNRCC needs all the information requested in these forms. Although you are not required to fill out all portions of the report,TNRCC requests you provide us with your best judgments, plans, and updated information so that the TNRCC will have accurate updated information that links reported wastes to management systems. This will be an important source of information TNRCC will use for activities such as hazardous waste treatment capacity analyses, national capacity and case-by-case variances in the Land Disposal Restrictions program, and waste minimization strategies and evaluation. Many state programs rely on data from the Biennial Report forms. Specifically, the capacity and treatment information are necessary parts of the assurances they must make pursuant to CERCLA 104 (c) (9) so they can receive remedial action funding.

In addition to being essential to EPA and many State governments, EPA also plans to compile this information and make it available to all interested parties. Other sectors can use it for their hazardous waste management decisions. Thus, the more complete and accurate the data, the better everyone's overall understanding of this dynamic and diverse industry. Better understanding will hopefully result in better overall decisions and more efficient and effective programs to protect our environment.

The following lists information on each form you must provide, if you are required to submit that form.

Form IC

Section I

Block A EPA ID No.
Block C Site/company name
Block E Street name and number
Block F City, town, village, etc.
Block G State
Block H Zip Code

Section II

Block B Number and street name of mailing address
Block C City, town, village, etc.
Block D State
Block E Zip Code

Section III

Block A Last Name, First Name, and M.I.
Block B Title
Block C Telephone number and extension

Section IV

Block A Last Name, First Name, and M.I.
Block B Title
Block C Signature
Block D Date of signature

Section V

Block A Began source reduction activity during 1994 or 1995 (Y/N)
Block B Began or expanded a recycling activity during 1994 or 1995 (Y/N)
Block C Investigate opportunities for source reduction or recycling during 1994 or 1995 (Y/N)

Form WM

Site Name
EPA Identification Number

Section I

Block A Waste description
Block B EPA hazardous waste code(s)
Block C TNRCC hazardous waste code

Section II

Block B Quantity generated in 1995
Block C Unit Of Measure and Density

Section III

Block A Activity
Block B Other effects
Block C Quantity recycled in 1995 due to new activities
Block E 1995 source reduction quantity

TOLL-FREE HELP LINE

To obtain assistance in filling out the forms in this package, please telephone the U.S. EPA 1995 Waste Minimization Report HelpLine: 1-800-435-2174. The help line operates Monday through Friday from 9:00 a.m. to 6:00 p.m. Eastern Standard Time from January 2, 1996 through April 30, 1996, or contact the TNRCC, Waste Evaluation Section: (512) 239-6832, and ask the operator for the waste minimization specialist.

COPIES OF REPORT FORMS AND INSTRUCTIONS

To obtain additional copies of Report forms or to ask about State-specific requirements, contact the TNRCC Waste Evaluation Section: (512) 239-6832.

DOCUMENTS HELPFUL IN FILLING OUT THE FORMS

In preparing the 1995 Waste Minimization Report, you will need to consult your records on quantities and types of hazardous waste generated. Some records that might be helpful are listed below. Your site may not have all of the documents:

- Copies of records of quantities of hazardous waste generated or accumulated;
- Hazardous Waste Manifest forms;
- Results of laboratory analysis of your wastes;
- Contracts or agreements with off-site facilities managing your wastes; and
- Copies of permits for on-site waste management systems.

SITE IDENTIFICATION LABELS

Enter the site name, location, EPA Identification Number and its TNRCC Identification Number on each form in the space. Be sure that the site identification information is entered on each form before you make additional copies of the forms to fill out your Report.

CODE LISTS

Some of the codes required to complete this Report have been changed from those used in previous Waste Minimization Reports. Please use **only** the codes included in the instructions or lists of codes beginning on page 35. Within the text of the instructions, the page numbers of code lists are denoted by this symbol: 

SKIP INSTRUCTIONS

The text of each form contains skip instructions directing you to the next appropriate section or box to be completed. These instructions are denoted by this symbol: 

NOTES

The text includes notes providing explanatory text or definitions of terms used in the instructions. Notes are denoted by this symbol: 

RIGHT JUSTIFICATION OF QUANTITIES

Right justify all quantities reported on the forms. For example, enter a quantity of 12,000 tons on the form as follows: .) 2) 2) 2) 2) 2) 2) 2) 2) - 1 2 0 0 0 0 . Enter a quantity of 29,599.5 tons as follows: .) 2) 2) 2) 2) 2) 2) 2) 2) - 2 9 5 9 9 5 .) -

COMMENTS SECTION ON FORMS

Use the Comments section at the bottom of the forms to clarify or continue any entry. Refer to the comment by entering the section number and box letter. For example, if a waste had six RCRA waste codes, enter the first five in Section I, Box B of Form WM. Enter the sixth waste code in the Comments with a notation of "Sec. I, Box B, continued: D001."

PAGE NUMBERING OF FORMS

When you have filled out all the appropriate forms in the package, number the pages consecutively throughout. The individual page number and the total number of pages in your submission will appear on the bottom of each page (e.g., Page 1 of 7, Page 2 of 7, etc.).

If it is necessary to continue information on a form onto a supplemental page, the second copy of the form should have the same number as the preceding page, followed by a letter (e.g., page 27, page 27a; page 28, page 28a, 28b, etc.).

PHOTOCOPIES OF FORMS

A single copy of each form is included in this package. Photocopy as many forms as are needed to complete the Report. Make copies **after** you have attached the label or entered the site name and EPA Identification Number, but **before** you enter information on the form.

After you have finished the Report, photocopy the entire Report for your records.

CONFIDENTIAL BUSINESS INFORMATION (CBI)

You may <u>not</u> withhold information from the Administrator of EPA because it is confidential. However, when the Administrator is requested to consider information confidential, it must be treated according to EPA regulations contained in Title 40 of the Code of Federal Regulations (CFR), Part 2, Subpart B. These regulations provide that a business may, if it desires, assert a claim of business confidentiality covering all or part of the information furnished to EPA. Section 2.203(b) explains how to assert a claim.

The Agency will treat information covered by such a claim in accordance with the procedures set forth in Subpart B. If someone requests release of information covered by a claim of confidentiality, or if the EPA otherwise decides to make a determination as to whether such information is entitled to confidential treatment, the Agency will notify the business. EPA will not disclose information as to when a claim of confidentiality has been made except to the extent of and in accordance with 40 CFR Part 2, Subpart B. However, if the business does not claim confidentiality when it furnishes the information, EPA may make the information available to the public without notice to the business.

WHEN AND WHERE TO FILE

TNRCC regulations require submission of 1995 Waste Minimization Reports by January 25, 1996.

If you need more time to fill out this Report, send a written request for a **site-specific extended due date** to the address listed for the TNRCC Office on page v. Specify the date you are requesting, **which in no case shall be after April 15, 1996**, and the reason for the request. Include the site's name, location, EPA Identification Number and TNRCC Identification Number. Return this Report to the address listed for the TNRCC Office on page v.

INSTRUCTIONS FOR FILLING OUT

FORM IC-IDENTIFICATION AND CERTIFICATION

WHO MUST SUBMIT THIS FORM?

All sites required to file the 1995 Waste Minimization Report must submit Form IC.

PURPOSE OF THIS FORM

Form IC is divided into five sections. Sections I through III identify the site. Section IV certifies the information reported throughout is truthful, accurate, and complete. Finally, Section V records information on waste minimization activities during 1994 and 1995.

HOW TO FILL OUT THIS FORM

You should fill out all five sections. Please print or type (12 pitch) all information. Throughout the form, enter "NA" if the information requested is not applicable. Use the Comments section at the end of the form to clarify or continue any entry. Preceding the comment, reference the section number and box letter to which it refers.

Please note the following list of information you must provide if you are required to submit the Form IC.

Section I

Block A	EPA ID No.
Block C	Site/company name
Block E	Street name and number
Block F	City, town, village, etc.
Block G	State
Block H	Zip Code

Section II

Block B	Number and street name of mailing address
Block C	City, town, village, etc.
Block D	State
Block E	Zip Code

Section III

Block A	Last Name, First Name, and M.I.
Block B	Title
Block C	Telephone number and extension

Section IV

Block A	Last Name, First Name, and M.I.
Block B	Title
Block C	Signature
Block D	Date of signature

FORM IC

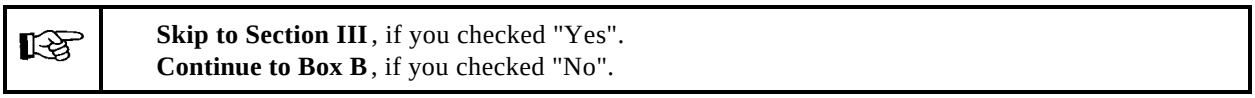
Section V

Block A	Began source reduction activity during 1994 or 1995 (Y/N)
Block B	Began or expanded a recycling activity during 1994 or 1995 (Y/N)
Block C	Investigate opportunities for source reduction or recycling during 1994 or 1995 (Y/N)

ITEM-BY-ITEM INSTRUCTIONS

Section I: Site name and location address
Fill out Boxes A through H. In Box B, enter the county, borough, or parish in which the site is located. In Box D, check "Yes" or "No" to indicate whether the site/company name associated with this EPA Identification Number has changed since 1993. The EPA Identification Number is address specific and cannot be transferred to a new location. Blocks A, C, E, F, G, and H are required fields.

Section II: Mailing address of site
Check "Yes" or "No" to indicate if the site's mailing address is the same as the location address listed in Section I. If you checked "No", enter the site's mailing address in Boxes B through E. Blocks B, C, D, and E are required fields.



Section III: Contact information
Enter the full name, title, and phone number of the person who should be contacted if questions arise regarding the information provided in the 1995 Waste Minimization Report submitted by your site. Blocks A, B, and C are required fields.

Section IV: Certification
Do not fill out Section IV until all forms required for submission are present, complete, and accurate. The 1995 EPA Waste Minimization Report Submission Checklist at the back of this booklet is provided to assist you. After you have filled out all required forms, enter your full name and title, and the date. Read the certification statement, and sign the form. Refer to page v for the mailing address for your Report. Blocks A, B, C, and D are required fields.

Section V: Waste Minimization Activity during 1994 or 1995

Waste minimization means the reduction, to the extent feasible, of hazardous waste generated or subsequently treated, stored, or disposed. Waste minimization includes any source reduction or recycling activity undertaken by a generator resulting in: (1) the reduction of total volume or quantity of hazardous waste; (2) the reduction of toxicity of hazardous waste; or (3) both, as long as the reduction is consistent with the goal of minimizing present and future threats to human health and the environment. Blocks A, B, and C are required fields.

NOTE: Treatment (including burning and incineration) of the waste after it has exited the process is not considered waste minimization activity. The following are examples of activities that should not be reported here as waste minimization:

- Sending waste off site for management (other than recycling).
- Treatment to reduce volume (after the waste exits the process in which it was generated).
- Treatment to reduce toxicity (after the waste exits the process in which it was generated).
- Installation of filter press to reduce water content and volume.
- Installation of equipment to comply with Clean Water Act.

Bankruptcy or reduction in production volume due to economic factors are not waste minimization activities.

Box A: Did this site begin or expand a source reduction activity during 1994 or 1995?

Check "Yes" or "No" in Box A.

NOTE: **Source reduction** means any practice which: (1) reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment, or disposal; and (2) reduces the impact on public health and the environment associated with the release of such substances, pollutants, or contaminants. The term includes equipment or technology modifications; process or procedure modifications; reformulation or redesign of products; substitution of raw materials; and improvements in housekeeping, maintenance, training, or inventory control. Source reduction does not include any practice that alters the physical, chemical, or biological characteristics or the volume of a hazardous substance, pollutant, or contaminant through a process or activity which itself is not integral to and necessary for the production of a product or the provision of a service.

Box B: Did this site begin or expand a recycling activity during 1994 or 1995?

Check "Yes" or "No" in Box B.

NOTE: **Recycling** means the use or reuse of waste as an effective substitute for a commercial product, or as an ingredient or feedstock in an industrial process. It also refers to the reclamation of useful constituent fractions within a waste material or the removal of contaminants from a waste to allow it to be reused. As used in this report, recycling implies use, reuse, or reclamation of a waste, either on site or off site, after it has been generated. See 40 CFR, Section 261.1 (c) (4), (5), and (7).

FORM IC

Box C: Did this site systematically investigate opportunities for source reduction or recycling during 1994 or 1995?

Check "Yes" or "No" in box C.

NOTE: The Pollution Prevention Research Branch of EPA's Office of Research and Development is publishing a series of industry-specific pollution prevention waste minimization guidance materials. The manuals supplement EPA's waste reduction manual issued in July 1988 titled: "Waste Minimization Opportunity Assessment Manual." The identification number for this manual is EPA/625/7-88/003. For copies, call the RCRA/Superfund Hotline at 1-800-424-9346 or (703) 412-9810.

Box D: Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities during 1994 or 1995?

Check "Yes" or "No" for each item.

Box E: Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities during 1994 or 1995?

Check "Yes" or "No" for each item.

INSTRUCTIONS FOR FILLING OUT

FORM WM-WASTE MINIMIZATION

WHO MUST SUBMIT THIS FORM?

A site required to file the 1995 Waste Minimization Report must submit Form WM if the site implemented any new activities during 1995 resulting in minimization of a hazardous waste.

A separate and independent Form WM must be submitted for each RCRA hazardous waste minimized as a result of source reduction or recycling activities.

PURPOSE OF THIS FORM

Form WM is divided into three sections that together document: the source, characteristics, and quantity of hazardous waste generated on site; the quantity of hazardous waste recycled on site or off site; and new waste minimization activities implemented during 1995 related to hazardous waste.

Detailed definitions of waste minimization and its component parts, source reduction and recycling, are provided below.

Waste minimization means the reduction, to the extent feasible, of hazardous waste generated or subsequently treated, stored, or disposed. Waste minimization includes any source reduction or recycling activity undertaken by a generator resulting in: (1) the reduction of total volume or quantity of hazardous waste; (2) the reduction of toxicity of hazardous waste; or (3) both, as long as the reduction is consistent with the goal of minimizing present and future threats to human health and the environment.

Source reduction means any practice which: (1) reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment, or disposal; and (2) reduce the impact on public health and the environment associated with the release of such substances, pollutants, or contaminants. The term includes equipment or technology modifications; process or procedure modifications; reformulation or redesign of products; substitution of raw materials; and improvements in housekeeping, maintenance, training, or inventory control. Source reduction does not include any practice that alters the physical, chemical or biological characteristics or the volume of a hazardous substance, pollutant, or contaminant through a process or activity which itself is not integral to and necessary for the production of a product or the provision of a service.

Recycling means the use or reuse of waste as an effective substitute for a commercial product, or as an ingredient or feedstock in an industrial process. It also refers to the reclamation of useful constituent fractions within a waste material or the removal of contaminants from a waste to allow it to be reused. As used in this report, recycling implies use, reuse, or reclamation of a waste, either on site or off site, after it has been generated. See 40 CFR, Section 261.1 (c)(4), (5), and (7).

FORM WM

NOTE: Treatment (including burning and incineration) of the waste after it has exited the process is not considered waste minimization activity. The following are examples of activities that should not be reported here as waste minimization:

- Sending waste off site for management (other than recycling);
- Incineration, energy recovery (e.g., burning in boilers), or other thermal treatment;
- Treatment to reduce volume (after the waste exits the process in which it was generated);
- Treatment to reduce toxicity (after the waste exits the process in which it was generated);
- Installation of filter press to reduce water content and volume;
- Installation of equipment to comply with Clean Water Act.

Bankruptcy or reduction in production volume due to economic factors are not waste minimization activities.

HOW TO FILL OUT THIS FORM

Make and submit a photocopy of Form WM for each RCRA hazardous waste for which new activities resulted in waste minimization during 1995. Enter "NA" if the information requested is not applicable. Use the Comments section at the bottom of the form to clarify or continue any entry. Reference the comment by entering the section number and box letter.

Site Name
EPA Identification Number
TRNCC Identification Number

Section I
- Block A Waste description
- Block B EPA hazardous waste code(s)
- Block C State hazardous waste code

Section II
- Block B Quantity generated in 1995
- Block C Unit of Measure and Density

Section III
- Block A EPA waste minimization activity codes
- Block B Other effects indicator
- Block C Quantity recycled in 1995 due to new activities
- Block E 1995 source reduction quantity

WASTE MINIMIZATION TO BE REPORTED

Report all RCRA hazardous wastes for which new activities, implemented during 1995, resulted in waste minimization. This includes hazardous wastes generated from production processes, from the treatment of nonhazardous waste, and residuals generated from the management of a hazardous waste.

Example 1:
To reduce the waste disposal costs and recover reusable products, a plant installed a still in February, 1995, thereby minimizing the volume of spent solvent shipped off site for disposal. The still bottoms were incinerated off site for energy recovery.

- Fill out a Form WM for spent solvent sent to the on-site recycling unit. Note that recycling was a new waste minimization activity implemented during 1995 and hence it is reported.

- Do not fill out Form WM for the still bottoms sent off site for energy recovery. EPA does not consider energy recovery a waste minimization activity.

Example 2:
A firm aiming to improve plant profitability initiated a waste reduction incentive program during April 1995. Employees responded enthusiastically and by October, 1995, the volume of waste paint sent off site for treatment had been reduced by ten percent. Another waste, spent solvents, has been sent off site for recycling since 1985.

- Fill out a Form WM for the new source reduction activity implemented during 1995 for reducing waste paint.

- Do not fill out Form WM for off-site recycling of spent solvents because it was not a new activity in 1995. The activity has been ongoing since 1985.

ITEM-BY-ITEM INSTRUCTIONS

Section I: Waste Description
Section I requests information on the origin and characteristics of the waste for which new activities resulted in waste minimization during 1995. Blocks A and B are required fields.

NOTE: A precise definition of a waste has not been developed. It is important the processes or activities resulting in generation of a waste be isolated in order to understand waste minimization practices and opportunities. If possible, report a separate waste whenever a combination of wastes would require more than one:
- Origin Code (Box E);
- Form Code (Box H).

Box A: Waste description
Provide a short narrative description of the waste, citing:

- General type;
- Source;
- Type of hazard; and
- Generic chemical name or primary hazardous constituents.

FORM WM

In the example below, note the general type (spent solvent), source (degreasing operation in tool production), type of hazard (ignitability), and generic chemical names (mineral spirits and kerosene) have all been cited.

Example:

"Ignitable spent solvent from degreasing operation in tool production; mixture of mineral spirits and kerosene."

Box B: EPA hazardous waste code

Enter the EPA hazardous waste code(s) applying to the waste reported in Box A. EPA hazardous waste codes are listed beginning on page 35. If you need space for additional codes, use the Comments section, and reference the comment by entering Section Number I and Box letter B. If fewer than five codes are applicable, enter "NA" in the remaining spaces. If the waste is regulated only by the State, enter "NA" in all spaces.

EPA hazardous waste codes, page 35.

Box C: State hazardous waste code

Enter the State hazardous waste code applying to the waste reported in Box A, if:

- The TNRCC regulates hazardous wastes, and requires those wastes be reported on the 1995 Waste Minimization Report.
- The TNRCC uses a hazardous waste code system (**other** than the EPA hazardous waste code(s) listed on pages 35 to 61 of this booklet) applicable to the waste you described in Box A.

Box D: SIC Code

Enter the four-digit Standard Industrial Classification (SIC) Code for the product or service associated with generation of the waste. Please provide the SIC Code for the overall activity of the site, even if a different code better describes the specific industrial process generating the waste. SIC Codes are listed beginning on page 62.

SIC Codes, page 62.

Box E: Origin code and System type

Review the origin codes below. Enter the code best describing the process or activity serving as the source of the hazardous waste reported in Box A. If the waste being reported is a residual, report the system type generating it in the space provided. If the hazardous waste is a mixture, report the origin code for only the hazardous waste.

Code	Origin
1	The hazardous waste was generated on site from a production process, service activity, or routine cleanup (including off-specification or spent chemicals).
2	The hazardous waste was the result of a spill cleanup, equipment decommissioning, or other remedial cleanup activity.

3 The hazardous waste was derived from the management of a non-hazardous waste.

4 The hazardous waste was received from off site and waste not recycled or treated on site.

5 The hazardous waste was a residual from the on-site treatment, disposal, or recycling of previously existing hazardous waste.

Skip to Box F if you selected code 1, 2, 3, or 4.
Report System Type if you selected code 5.

System Type
If you selected code 5, you must enter the System Type best describing the operation from which the waste is a residual.

System Type Codes, page 73.

Example:
The hazardous waste is incinerator ash generated as a result of on-site thermal treatment in a fixed hearth, of hazardous waste sludge.

The Origin Code is 5. The System Type is M042.

Box F: Source Code
Enter the Source Code best describing the production, service, or waste management process serving as the source associated with generation of the waste. If more than one Source Code is required, continue the entry in Comments.

Source Codes, page 70.

Box G: Point of measurement
Enter the code best describing the point at which the waste reported in Box A was measured or estimated.

Code	Point of measurement
1	Before any mixing of hazardous wastes, or mixing of hazardous and non-hazardous wastes
2	After mixing of hazardous wastes
3	After mixing of non-hazardous wastes
4	After mixing multiple hazardous wastes with non-hazardous wastes.
8	Don't know.

Box H: Form Code
Review the Form Codes on page 71 and enter the code best corresponding to the physical/chemical state of the hazardous waste reported in Box A.

FORM WM

Form Codes, page 71.

Box I: RCRA-radioactive mixed
Is the waste reported in Box A a hazardous waste mixed with nuclear source, special nuclear, or by-product material?

Code	RCRA-radioactive mixed
1	Yes
2	No
8	Don't know

NOTE: If nuclear source, special nuclear, or by-product material (see Definitions section, page 23) as defined by the Atomic Energy Act of 1954, as amended 42 U.S.C. 2011 et seq. from the Atomic Energy Act, is mixed with a RCRA hazardous waste, the material is controlled under RCRA regulation as well as under the Atomic Energy Act (DOE, NRC, and EPA) regulations and is to be reported in the 1995 Waste Minimization Report.

Section II: Quantities of Hazardous Waste Generated during 1994 and 1995
Blocks B, C, and E are required fields.

Box A: Quantity generated in 1994
Enter the total quantity of the hazardous waste generated during 1994 for the waste described in Section I. If the waste was not generated in 1994, enter "NA." Right justify the quantity entry. The unit of measure (UOM) and density will be reported in Box C.

Box B: Quantity generated in 1995
Enter the total quantity of the hazardous waste generated during 1995 for the waste described in Section I. Right justify the quantity entry. The unit of measure (UOM) and density will be reported in Box C.

Box C: UOM and Density
Enter the unit of measure (UOM) code for the quantity you reported in Boxes A and B. Report quantities in one of the units of measure listed below. If you select a volumetric measure (gallons, liters or cubic yards), you must report the density of the waste.

Code	Unit of Measure
1	Pounds
2	Short tons (2,000 pounds)
3	Kilograms
4	Metric tonnes (1,000 kilograms)
5	Gallons
6	Liters
7	Cubic yards

Skip to Box D if you selected code 1, 2, 3, or 4.
Report density if you selected code 5, 6, or 7.

Density

Complete density only if you entered code 5, 6, or 7 in unit of measure. Enter density in either pounds per gallon (lbs/gal) or specific gravity (sg), and check the appropriate box.

Box D: Was this waste recycled in 1995?

Check "Yes" or "No" to indicate whether the waste was recycled, either on site or off site, in 1995.

Continue to Box E if you checked "Yes".
Skip to Section III if you checked "No".

Box E: On-site recycling

Enter the total quantity of the waste recycled on site in 1995. The quantity must be reported in the unit of measure entered in Section II, Box C. Enter "NA" if no waste was recycled on site in 1995.

Box F: Off-site recycling

Enter the total quantity of the waste recycled off site in 1995. The quantity must be reported in the unit of measure entered in Section II, Box C. Enter "NA" if no waste was recycled off site in 1995.

Section III: New Waste Minimization Activities in 1995

Section III requests information on any **new** activities undertaken during 1995 **resulting** in waste minimization. This information is collected to obtain a national cross section of waste minimization activity in 1995. It is not intended to provide a chronology of activity at your site. Blocks A, B, C, and E are required fields.

Box A: Activity

What activities were implemented in 1995 to achieve the waste minimization results for the waste described in Section I?

Review the list beginning on page 75 and select the codes representing activities undertaken for this waste. Response spaces are provided for up to four activities. If more than four codes are required, continue the entry in Comments, referencing Section IV, Box A. If fewer than four codes are applicable, enter "NA" in the remaining spaces. See definition of waste minimization, source reduction, and recycling on pages 11 and 12.

Activity Codes, page 75.

Box B: Other effects

Check "Yes" if the activities resulting in minimization of the waste either:

- Increased the toxicity of the waste; or
- Increased the quantity or toxicity of emissions into air, water, or land.

Box C: Quantity recycled in 1995 due to new activities

Enter the quantity of hazardous waste recycled during 1995 because of new recycling activities. Count both on-site and off-site recycling, but do not include quantities recycled in systems operational before 1995. Do not include closed-loop recycling, it should be reported as a source reduction activity. Enter "NA" if no hazardous waste was recycled because of new recycling activities.

FORM WM

Box D: Activity/production index

The activity/production index is a measure of changes in economic and other factors affecting the quantity of hazardous waste generated in 1995, compared with 1994. The index is used to distinguish inter-year quantity changes resulting from waste minimization activity from those attributable to economic or other factors.

The EPA understands some sites may find it impractical to calculate a meaningful activity/production index. If you cannot calculate an index for your site, enter "NA" in Box D.

Use the worksheet on page 19 to calculate the activity/production index. Determine the most appropriate measure of production or activity, using product manufactured, raw materials used, number of hours the plant was in operation, the total number of employee hours worked, sales, budget, and any other factor appropriate for the waste. Divide the value of that measure for 1995 by the comparable value for 1994.

Example 1:
If the firm manufactures tools using a process generating a hazardous waste, the activity/ production index would indicate the change in the number of tools produced in 1995 compared with 1994.

1,200 tools were produced in 1995, and 1,000 tools were produced in 1994. The activity/production index equals 1,200 divided by 1,000.

$$\frac{\text{(1995 production)}}{\text{(1994 production)}} \quad \frac{1{,}200}{1{,}000} = 1.2 \text{ (activity/production index)}$$

The number "1.2" would be entered in Box D.

Example 2:
If a firm manufacturing stainless steel food containers is losing market share to competitors making plastic containers, its production might have declined between 1994 and 1995.

88,000 containers were produced in 1995 and 110,000 containers were produced in 1994. The activity/production index equals 88,000 divided by 110,000.

$$\frac{\text{(1995 production)}}{\text{(1994 production)}} \quad \frac{88{,}000}{110{,}000} = 0.8 \text{ (activity/production index)}$$

The number "0.8" would be entered in Box D.

Example 3:
If a dry cleaning firm cleaned 2,200 garments in 1995 and 2,000 garments in 1994, the activity/production index would indicate the change in the number of garments cleaned. The activity/production index equals 2,200 divided by 2,000.

$$\frac{\text{(1995 production)}}{\text{(1994 production)}} \quad \frac{2{,}200}{2{,}000} = 1.1 \text{ (activity/production index)}$$

The number "1.1" would be entered in Box D.

Activity/Production Index Worksheet

Units produced or units of service provided in 1995		(_____)
	divided by ÷	
Units produced or units of service provided in 1994		(_____)
Enter activity/production index in Box D	=	**.)2),-**

Box E: 1995 Source reduction quantity

If you reported a source reduction activity in Box A (codes W11 through W99), enter your best estimate of the reduction in 1995 quantity generated resulting from the source reduction activities. Report the quantity in the unit of measure reported in Section II, Box C. Enter "NA" in this space if:

- You did not report a source reduction activity, or
- The source reduction activity you reported resulted only in a reduction in toxicity and not a reduction in quantity of waste.

If you completed Section II, Boxes A and B, and Section III, Box D, calculate "Source reduction quantity" using the method described on the following pages.

If you did not complete the information requested in Section II, Boxes A and B, and Section III, Box D, you may estimate the quantity of hazardous waste prevented in 1995 using another method. Review the following three examples to consider which approach your site might use. If you do not use this method, you should describe your computation in the comments section at the end of the form. Reference Section III, Box E. A blank Source Reduction Quantity Worksheet is included on page 22.

Example 1:

A firm manufactures tools using a process that generates a hazardous waste. In 1994, 1,000 tools were produced and 2,000 gallons of waste were generated. In 1995, 1,200 tools were produced and 1,800 gallons of waste were generated. The activity/production index for the firm is 1.2. In 1995, the firm introduced a new process to minimize the quantity of hazardous waste it generated.

$$\frac{\text{(1995 production)}\ 1{,}200}{\text{(1994 production)}\ 1{,}000} = 1.2 \text{ (activity/production index)}$$

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1994 by the activity/production index.

	2,000	Quantity generated in 1994 (from Sec. II, Box A)
×	1.2	Times activity/production index (from Sec. III, Box D)
=	2,400	Equals quantity that would have been generated without source reduction

FORM WM

Step 2: Subtract the 1995 waste quantity (Sec. II, Box B) from the quantity that would have been generated without source reduction (Total from Step 1).

	2,400	Quantity without source reduction
–	1,800	Minus quantity generated in 1995 (from Sec. II, Box B)
=	600	Equals quantity of generation prevented by source reduction (enter in Sec. III, Box E)

Step 3: Enter source reduction quantity in Box E.

Sec. II	A. Quantity generated in 1994 Instruction Page 16	B. Quantity generated in 1995 Page 16	C. UOM Density Page 16	D. Was this waste recycled in 1995? Page 17
	2,400.0	1,800.0	8.34 ☒ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO BOX E) ☒ 2 No (SKIP TO SEC. III)

Sec. III	A. Activity Page 17	B. Other effects Page 17	C. Quantity recycled in 1995 due to new activities Page 17	D. Activity/production index Page 17	E. 1995 Source reduction quantity Page 19
	WS2 WNA WNA WNA	☐ 1 Yes ☒ 2 No	NA	1.2	600.0

Example 2:
A firm manufactures tools using a process that generates hazardous waste. In 1994, the firm produced 2,000 tools, generating 3,000 gallons of hazardous waste in the process. In 1995, the firm produced 1,400 tools and 2,000 gallons of waste. The activity/production index for the firm is 0.7. In 1995, the firm, wishing to reduce costs for waste management, introduced a new process to minimize the quantity of hazardous waste it generated. The firm calculated its waste minimization results as follows.

$$\frac{\text{(1995 production) } 1{,}400}{\text{(1994 production) } 2{,}000} = 0.7 \text{ (activity/production index)}$$

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1994 by the activity/production index.

	3,000	Quantity generated in 1994 (from Sec. II, Box A)
×	0.7	Times activity/production index (from Sec. III, Box D)
=	2,100	Equals quantity that would have been generated without source reduction

Step 2: Subtract the 1995 waste quantity (Sec. II, Box B) from the quantity that would have been generated without the source reduction (Total from Step 1).

	2,100	Quantity without source reduction
–	2,000	Minus quantity generated in 1995 (from Sec. II, Box B)
=	100	Equals quantity of generation prevented by source reduction (enter in Sec. III, Box E)

Step 3: Enter source reduction quantity in Box E.

Sec. II	A. Quantity generated in 1994 Instruction Page 16	B. Quantity generated in 1995 Page 16	C. UOM Density Page 16	D. Was this waste recycled in 1995? Page 17
	3,000.0	2,000.0	5.8 34	☐ 1 Yes (CONTINUE TO BOX E) ☒ 2 No (SKIP TO SEC. III)
			☒ 1 lbs/gal ☐ 2 sg	

Sec. III	A. Activity Page 17	B. Other effects Page 17	C. Quantity recycled in 1995 due to new activities Page 17	D. Activity/production index Page 17	E. 1995 Source reduction quantity Page 19
	W52 WNA WNA WNA	☐ 1 Yes ☒ 2 No	NA	0.7	1,800.0

Example 3:
A firm uses a solvent bath to clean continuous filament wire in a batch process. Since the firm does not record how much wire passes through the bath before the solvent is changed, the activity/production index is "NA." The firm does record the number of times the solvent is changed in the year. To reduce the amount of waste exiting the process, in 1995 the firm replaced the original bath container with a new container holding 20 gallons less solvent per changing.

The quantity of waste generated from the solvent bath in 1994, before the container was replaced, was 2,000 gallons. Note that this number was known through a recordkeeping system that tracked waste generation by process.

The bath was changed 10 times during 1995, generating 200 gallons of hazardous waste per changing. This number was known through the firm's recordkeeping system.

Using the new container and changing the solvent bath 10 times in 1995, the firm generated only 180 gallons of waste per changing. Thus, the total quantity of waste generated from the solvent bath in 1995 was 1,800 gallons.

By replacing the bath container, the firm prevented 200 gallons (Sec. II, Box A minus Box B quantities) of hazardous wastes from being generated. (Enter in Sec. III, Box E, source reduction quantity.)

FORM WM

Sec. II	A. Quantity generated in 1994 Instruction Page 16	B. Quantity generated in 1995 Page 16	C. UOM Density Page 16	D. Was this waste recycled in 1995? Page 17
	2000.0	1800.0	58.34 ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO BOX E) ☒ 2 No (SKIP TO SEC. III)

Sec. III	A. Activity Page 17	B. Other effects Page 17	C. Quantity recycled in 1995 due to new activities Page 17	D. Activity/production index Page 17	E. 1995 Source reduction quantity Page 19
	W52 WNA WNA WNA	☐ 1 Yes ☒ 2 No	NA	NA	2000.0

The firm would complete the Comments section as follows:

Comments:

Section III, Box E: Quantity prevented calculated by comparing volume of solvent bath in original container to the volume using new container which holds 20 gallons less.

Source Reduction Quantity Worksheet

Step 1: Multiply the waste quantity generated in 1994 by the activity/production index.

___ Quantity generated in 1994 (from Sec. II, Box A)

× ___ Times activity/production index (from Sec. III, Box D)

= ___ Equals quantity generated without source reduction

Step 2: Subtract the 1995 waste quantity (Sec. II, Box B) from the quantity that would have been generated without the waste minimization project or activity (Total from Step 1).

___ Quantity without source reduction

– ___ Minus quantity generated in 1995 (from Sec. II, Box B)

= ___ Equals quantity of generation prevented by source reduction (enter in Sec. III, Box E)

Step 3: Enter source reduction quantity in Box E.

DEFINITIONS

Accumulation

A site that does not hold RCRA Interim Status or a RCRA permit (i.e., a site that does not have active RCRA Part A or Part B permit applications) may accumulate hazardous waste for a short period of time before shipping it off site. The waste must be accumulated in either tanks or containers; it may not be accumulated in surface impoundments.

Generators of more than 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 90 days before shipping it off site.

Generators of 100 kg (220 lbs) to 1,000 kg (2,200 lbs) of hazardous waste per month may accumulate their waste for up to 180 days before shipping it off site. If the nearest treatment, storage, disposal, or recycling facility to which they can send their waste is more than 200 miles away, they may accumulate their waste for 270 days.

Activity/Production Index

A measure of changes in production, activity, economics, and/or other factors that affected the quantity of hazardous waste generated in 1995, compared to 1994. The Index is used to distinguish hazardous waste generation quantity changes resulting from waste minimization activity, from changes resulting from production, activity, economics, or other factors.

Acute Hazardous Waste

Any hazardous waste with an EPA hazardous waste code beginning with the letter "P", or any of the following "F" codes: F020, F021, F022, F023, F026, and F027. These wastes are subject to stringent quantity standards for accumulation and generation.

Authorized State

A State which has obtained authorization from EPA to direct the RCRA program.

By-product Material

(1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to the radiation incident to the process of producing or utilizing special nuclear material; and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content.

Confidential Business Information (CBI)

Information a facility does not wish to make available to the general public for competitive business reasons. Confidential Business Information (CBI) may be claimed for certain information in your report. A claim may be made in accordance with 40 CFR Part 2, Subpart B.

Conditionally Exempt Small Quantity Generator (CESQG)

A CESQG meets the following criteria every month:

(a) in every single month during 1995, the site generated no more than 100 kg (220 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup spillage of acute hazardous waste; and

(b) the site accumulated at any time during 1995 no more than 1,000 kg (2,200 lbs) of hazardous waste, **and** no more than 1 kg (2.2 lbs) of acute hazardous waste, **and** no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

(c) the site treated or disposed of the hazardous waste in a manner consistent with regulatory provisions.

Note: Definitions are not legally binding. Refer to Title 40 of CFR for precise legal wording.

DEFINITIONS
(Continued)

Code of Federal Regulations (CFR)	The detailed regulations, written by Federal agencies, to implement the provisions of laws passed by Congress. Regulations in the CFR have the force of Federal law.
Characteristic Waste	A waste classified as hazardous because it is ignitable, corrosive, reactive, or toxic as determined by the toxicity characteristic leaching procedure. It has an EPA Hazardous Waste Code in the range "D001" to "D043". Each of these four characteristics is defined in 40 CFR 261.20 Subpart C.
Closed-loop Recovery System	A recovery unit for which secondary materials are returned to the original process; the production process to which these secondary materials are returned is a primary production process; and the secondary material is returned as feedstock to the original production process and is recycled as part of the process. Additional information can be found in the Federal Register, Volume 50, page 639, January 4, 1985.
Delisted Wastes	Site-specific wastes excluded from reporting under 40 CFR 260.20 and 260.22. A waste at a particular generating site may be excluded or delisted from the lists of hazardous waste in Subpart D of Part 261 by petitioning the EPA Administrator for a regulatory amendment.
Disposal	Final placement or destruction of toxic, radioactive, or other wastes; surplus or banned pesticides or other chemicals; polluted soils; and drums containing hazardous materials from removal actions or accidental releases. Disposal may be accomplished through use of approved secure landfills, surface impoundments, land farming, deep well injection, or incineration.
U.S. Environmental Protection Agency (EPA)	The EPA is also called U.S. EPA, for United States Environmental Protection Agency. Established in 1970 by presidential executive order, it brought together parts of various government agencies involved with the control of pollution. Some State environmental authorities may be called EPA also, as in Illinois EPA.
EPA Identification Number	A 12-character number assigned by either EPA or the authorized State to each generator, transporter, and treatment, disposal, or storage facility. Facilities which are not generators but anticipate generation activity may also apply for and receive an EPA Identification Number. The first two characters are alphabetical and stand for the State in which the site is physically located. The third character can be either alphabetical or numeric. The remaining nine characters are always numeric.
Excluded Wastes	Wastes excluded from regulation under 40 CFR 261.4 and 261.3(c)(2)(ii).
Facility	In this report, a site which manages hazardous waste on the physical location. Facilities are also called "TSDs" or "TSDRs."
Form 8700-12	Notification of Regulated Waste Activity Form. (See Notification Form.)
Generator	A site or mobile source whose actions or processes produce hazardous waste.

Note: Definitions are not legally binding. Refer to Title 40 of CFR for precise legal wording.

Hazardous Waste

By-product of society that can pose a substantial or potential hazard to human health or the environment when improperly managed. It is a solid waste which possesses at least one of four characteristics (ignitability, corrosivity, reactivity, and toxicity), or appears on special EPA lists. A hazardous waste is regulated under Subtitle C of RCRA. The regulatory definition of hazardous waste is found in 40 CFR 261.3.

Incineration

(1) burning of certain types of solid, liquid, or gaseous materials; or (2) a treatment technology involving destruction of waste by controlled burning at high temperatures, e.g., burning sludge to remove the water and reduce the remaining residues to a safe, non-burnable ash which can be disposed safely on land, in some waters, or in underground locations.

Interim (Permit) Status

Period during which treatment, storage, and disposal facilities coming under RCRA in 1980 were temporarily permitted to operate while awaiting denial or issuance of an operating permit.

Large Quantity Generator (LQG)

A site is an LQG if it met **any** of the following criteria:

a) the site generated in one or more months during 1995 1,000 kg (2,200 lbs) or more of RCRA hazardous waste; **or**

b) the site generated in one or more months during 1995, or accumulated at any time, 1 kg (2.2 lbs) of RCRA acute hazardous waste; **or**

c) the site generated or accumulated at any time more than 100 kg (220 lbs) of spill cleanup material contaminated with RCRA acute hazardous waste.

Listed Wastes

Wastes specifically named in 40 CFR 261.3. These wastes are listed as hazardous under RCRA but have not been subjected to the toxic characteristics listing process because the dangers they present are considered self evident. They bear EPA hazardous waste codes beginning with the letters F, P, U, or K.

National Pollutant Discharge Elimination System (NPDES)

A provision of the Clean Water Act which prohibits discharge of pollutants into waters of the United States unless a special permit is issued by EPA, a State, or (where delegated), a tribal government on an Indian reservation.

Notification Form

Every site which generates, treats, stores, disposes, or transports hazardous waste must inform EPA of its hazardous waste activity by filing EPA Form 8700-12, Notification of Regulated Waste Activity. After receiving the notification form, EPA assigns an identification number to the site.

Off-Site Facility

A hazardous waste treatment, storage, or disposal area located at a place away from the generating site.

On-Site Facility

A hazardous waste treatment, storage, or disposal area located on the generating site.

Note: Definitions are not legally binding. Refer to Title 40 of CFR for precise legal wording.

DEFINITIONS
(Continued)

Operator	Person responsible for the overall operation of the site.
Opportunity Assessment	A procedure that identifies practices that can be implemented to reduce the generation of hazardous waste (source reduction) or the quantity that must subsequently be treated, stored, disposed, or recycled.
Publicly Owned Treatment Works (POTW)	A waste treatment works owned by a State, unit of local government, or Indian tribe, usually designed to treat domestic wastewaters.
Process Unit	A single piece of equipment—e.g., one tank, one distillation column, or one surface impoundment—in which hazardous waste is treated, disposed, or recycled.
Process System	One or more process units used together to treat, recycle, or dispose a hazardous waste. A list of system types begins on page 73.
Resource Conservation and Recovery Act (RCRA)	The Federal statute that regulates the generation, treatment, storage, disposal, recycling, or transportation of solid and hazardous waste.
RCRA Interim (Permit) Status	Refer to "Interim (Permit) Status" definition on page 25.
RCRA Permit	A site has submitted both a RCRA Part A permit application and a RCRA Part B permit application, and has had the Part B permit application approved.
RCRA Regulated Units	Units used to treat, store, or dispose hazardous waste and are subject to regulation (i.e., required to have, or be covered by, a RCRA permit). Interim Status Permits are included. Containers and tanks used exclusively for short-term accumulation exempted under 40 CFR 262.34 are excluded.
Reclamation	The processing or regeneration of a material to recover a usable product. Examples are recovery of lead values from spent batteries and regeneration of spent solvents. See 40 CFR 261.6(4).
Recycling	The use or reuse of waste as an effective substitute for a commercial product, or as an ingredient or feedstock in an industrial process. It also refers to the reclamation of useful constituent fractions within a waste material or removal of contaminants from a waste to allow it to be reused. As used in this report, recycling implies use, reuse, or reclamation of a waste, either on site or off site, after it has been generated. See 40 CFR, Section 261.1 (C) (4), (5), and (7).
Residual	The hazardous waste remaining after treating, disposing, or recycling hazardous waste.
Respondent	A site that must fill out at least one report form.

Note: Definitions are not legally binding. Refer to Title 40 of CFR for precise legal wording.

Reuse

A material is "used or reused" if it is either:

(1) Employed as an ingredient (including use as an intermediate) in an industrial process to make a product (for example, distillation bottoms from one process used as feedstock in another process). However, a material will not satisfy this condition if distinct components of the material are recovered as separate end products (as when metals are recovered from metal-containing secondary materials); or

(2) Employed in a particular function or application as an effective substitute for a commercial product (for example, spent pickle liquor used as phosphorous precipitant and sludge conditioner in wastewater treatment). See 40 CFR 261.6(5).

Site

In this report, any holder of an EPA Identification Number. A site may be a "generator", a "facility" (or "TSDR facility"), or both, or a non-regulated facility which has conservatively requested and received an EPA Identification Number.

Sludge

A semi-solid residue from any number of air or water treatment processes. Sludge can be a hazardous waste.

Small Quantity Generator (SQG)

An SQG is defined by **all** the following criteria:

a) in one or more months the site generated more than 100 kg (220 lbs) of hazardous waste, <u>but in no month did the site</u>: (1) generate 1,000 kg (2,200 lbs) or more of hazardous waste, or; (2) generate 1 kg (2.2 lbs) or more of acute hazardous waste, or; (3) generate 100 kg (220 lbs) or more of material from the cleanup of a spillage of acute hazardous waste; and

b) the site accumulated at any time during 1995 no more than 1 kg (2.2 lbs) of acute hazardous waste and no more than 100 kg (220 lbs) of material from the cleanup of a spillage of acute hazardous waste; and

c) the site stored its wastes in tanks or containers in a manner consistent with regulatory provisions.

<u>OR</u>, the site is a Small Quantity Generator if, in 1995,

a) the site met all other criteria for a Conditionally Exempt Small Quantity Generator (CESQG), but

b) the site accumulated 1,000 kg (2200 lbs.) or more of hazardous waste.

Solid Waste

Non-liquid, non-soluble materials, ranging from municipal garbage to industrial wastes that contain complex, and sometimes hazardous, substances. Solid wastes also include sewage sludge, agricultural refuse, demolition wastes, and mining residues. Technically, solid waste also refers to liquids and gases in containers.

Note: Definitions are not legally binding. Refer to Title 40 of CFR for precise legal wording.

DEFINITIONS
(Continued)

Solvent	A substance (usually liquid) capable of dissolving or dispersing one or more other substances. Solvents include, but are not limited to, the non-spent materials listed in EPA hazardous waste codes F001 through F005.
Source Code	The production or service process associated with generation of waste.
Source Material	(1) uranium, thorium, or any other material determined by the Commission pursuant to the provisions of Section 2091 of this title to be source material; or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time.
Source Reduction	"Source reduction" means any practice which: (1) reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment, or disposal; and (2) reduces impact on public health and the environment associated with the release of such substances, pollutants, or contaminants. The term includes equipment or technology modifications, process or procedure modifications, reformulation or redesign of products, substitution of raw materials, and improvements in housekeeping, maintenance, training, or inventory control. Source reduction does not include any practice that alters the physical, chemical, or biological characteristics or the volume of a hazardous substance, pollutant, or contaminant through a process or activity which itself is not integral to and necessary for the production of a product or the provision of a service.
Standard Industrial Classification (SIC) Code	A four-digit coding system, developed by the Census Bureau and OMB, that categorizes the principal product or group of products produced or distributed, or services rendered, at a site's physical location.
Storage	Temporary holding of waste pending treatment or disposal. Storage methods include containers, tanks, waste piles, and surface impoundments.
Superfund	The program operated under the legislative authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and Superfund Amendment Reauthorization Act (SARA) that funds and carries out the EPA solid waste emergency and long-term removal remedial activities. These activities include establishing the National Priorities List, investigating sites for inclusion on the list, determining their priority level on the list, and conducting and/or supervising the ultimately determined cleanup and other remedial actions.
Surface Impoundment	Treatment, storage, or disposal of liquid hazardous waste in ponds.
TDR	Treatment, disposal, or recycling.
Transfer Facility	Any transportation related facility including loading docks, packing areas, storage areas, and other similar areas where shipment of hazardous waste are held during the normal course of transportation. Transporters who store manifested shipments of hazardous waste in containers meeting the requirement of Article 262.30 for a period of 10 days or less are not subject to

	regulation under Parts 270, 264, 265, and 268 with respect to storage of these wastes.
Transporter	A person engaged in the off-site transportation of hazardous waste by air, rail, road, or water. Transporters who store manifested shipments of hazardous waste in containers meeting the requirement of Article 262.30 for a period of 10 days or less are not subject to regulation under Parts 270, 264, 265, and 268 with respect to storage of these wastes. (40 CFR 263.12)
Treatment	Any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste, to recover energy or material resources from the waste, or to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose; or amenable to recovery, storage, or reduction in volume.
Treatment, Storage, and Disposal Facility (TSD)	Site where a hazardous substance is treated, stored, or disposed. TSD facilities are regulated by EPA and States under RCRA.
TSDR	Treatment, storage, disposal, or recycling.
Unauthorized State	State that has not obtained authorization from EPA to direct its own RCRA program.
Underground Injection Control (UIC)	Program under the Safe Drinking Water Act that regulates the use of wells to pump fluids into the ground. Materials pumped into the ground include chemical-containing wastes. A well involved in this program has a unique identification number.
Uniform Hazardous Waste Manifest	The shipping document (EPA Form 8700-22 or 8700-22a) that pertains to hazardous waste and is duly signed by the generator.
Unit	Refer to "Process Unit" definition on page 26.
Use	Refer to "Reuse" definition on page 27.
Waste Codes	EPA identifiers consisting of one letter (D, F, P, U, or K) and three numbers. The list of the EPA hazardous waste codes begins on page 35.
Waste Minimization	The reduction, to the extent feasible, of hazardous waste generated or subsequently treated, stored, or disposed. It includes any source reduction or recycling activity undertaken by a generator that results in: (1) the reduction of total volume or quantity of hazardous waste; (2) the reduction of toxicity of hazardous waste; or (3) both, as long as the reduction is consistent with the goal of minimizing present and future threats to human health and the environment.

EXCLUDED WASTES

(Reference 261.4 and 261.3(c)(2)(ii) of 40 CFR)

Waste Category	Waste Description
Acid	Potentially recyclable spent sulfuric acid used to produce virgin sulfuric acid. To be exempt, the acid must not be accumulated speculatively as defined in 40 CFR 261.1(c).
Agriculture, Irrigation	Irrigation return flow.
Cement Kiln Dust	Waste from a cement kiln.
Chromium, Leather Tanning	A waste which is considered hazardous because: (1) it is listed due to the presence of chromium or (2) it has failed the toxicity characteristic leaching procedure due to chromium's presence. This waste must also meet the criteria for exclusion listed in 261.4(b)(6).
Drilling Fluid	A drilling fluid, produced water, or other waste associated with the exploration for or the development or production of crude oil, natural gas, or geothermal energy.
Emission Control Waste	Fly ash waste, bottom ash waste, slag waste, or flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.
Fertilizer	Solid waste generated from growing and harvesting of agriculture crops or raising of animals (including production of manure), where the waste is returned to the soil as a fertilizer.
Household	Household waste, including household waste that has been collected, transported, stored, treated, disposed, recovered (e.g., refuse-derived fuel), or reused. "Household waste" means any waste material (including garbage, trash, and sanitary wastes in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds, and day use recreation areas).

NOTE: A resource recovery facility managing municipal solid waste shall not be deemed to be treating, storing, disposing, or otherwise managing hazardous wastes for the purposes of regulation under RCRA if that facility: (1) receives and burns only household wastes (from single and multiple dwellings, hotels, motels, and other residential sources) and commercial or industrial solid waste that does not contain hazardous waste and (2) does not accept hazardous wastes and the owner or operator of the facility has established contractual requirements or other appropriate notification or inspection procedures to assure that hazardous wastes are neither received nor burned in the facility.

Mining	A solid waste from the extraction, beneficiation, and processing of ores and minerals. (This includes phosphate rock and overburden from the mining of uranium ore.)
Mining, In situ	Material subjected to in situ mining techniques in which the material is not removed as part of the extraction process.
Mining, Overburden	Mining overburden returned to the mine site.

EXCLUDED WASTES
(Continued)

Waste Category	Waste Description
Nuclear	By-product, source, or special nuclear material as defined by the Atomic Energy Act of 1954, as amended 42 U.S.C. 2011 et seq. From the Atomic Energy Act, these terms are defined as follows: "By-product material" means: (1) any radioactive material (except special nuclear material) yielded in or made radioactive by exposure to radiation incident to the process of producing or utilizing special nuclear material and (2) the tailings or wastes produced by the extraction or concentration of uranium or thorium from any ore processed primarily for its source material content. "Source material" means: (1) uranium, thorium, or any other material, determined by the Commission pursuant to the provisions of Section 2091 of this title, to be source material or (2) ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time. "Special nuclear material" means: (1) plutonium, uranium enriched in the isotope 233 or in the isotope 235, and any other material which the Commission, pursuant to the provisions of Section 2071 of this title, determines to be special nuclear material, but does not include source material or (2) any material artificially enriched by any of the foregoing, but does not include source material.

NOTE: If the excluded material described above is mixed with a hazardous waste, the material is regulated under RCRA as well as under the Nuclear Regulatory Act and is to be reported in the 1995 Hazardous Waste Report.

Petroleum-contaminated Media and Debris	Petroleum-contaminated media and debris that fail the Toxicity Characteristic Leaching Procedure in Section 261.24 (EPA Hazardous Waste Codes D018 through D043 only) and are subject to the corrective action regulations under 40 CFR 280.
Precipitation Runoff	Runoff generated by the treatment, storage, or disposal of hazardous waste.
Pulping Liquor	Potentially recyclable pulping liquor (black liquor) reclaimed in a pulping liquor recovery furnace, so long as the material is reused in the pulping process and is not accumulated speculatively as defined in 40 CFR 261.1(c).
Sewage, Domestic	Domestic sewage -- any untreated sanitary wastes that pass through a sewer system.
Sewage, Mixture	Any mixture of domestic sewage and other wastes that passes through a sewer system to a publicly owned treatment works (POTW).
Wastewater, Point Source Discharge	Industrial wastewater discharge subject to regulation under Section 402 of the Clean Water Act, as amended. This exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored, or treated before discharge, nor does it exclude sludges generated by industrial wastewater treatment.

Waste Category	Waste Description
Wood, Wood Products	A solid waste consisting of discarded wood or wood products that fail the Toxicity Characteristic Leaching Procedure (but is not considered hazardous for any other reason) and is generated by persons who utilize the arsenical-treatment wood and wood products for these materials' intended end uses.

EPA HAZARDOUS WASTE CODES

Code	Waste description
CHARACTERISTICS OF HAZARDOUS WASTE	
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
D009	Mercury
D010	Selenium
D011	Silver
D012	Endrin(1,2,3,4,10,10-hexachloro-1,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-endo, endo-5,8-dimeth-ano-naphthalene)
D013	Lindane (1,2,3,4,5,6-hexa-chlorocyclohexane, gamma isomer)
D014	Methoxychlor (1,1,1-trichloro-2,2-bis [p-methoxyphenyl] ethane)
D015	Toxaphene (C_{10} H_{10} Cl_8, Technical chlorinated camphene, 67-69 percent chlorine)
D016	2,4-D (2,4-Dichlorophenoxyacetic acid)
D017	2,4,5-TP Silvex (2,4,5-Trichlorophenoxypropionic acid)
D018	Benzene
D019	Carbon tetrachloride
D020	Chlordane
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D030	2,4-Dinitrotoluene
D031	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichlorethylene
D041	2,4,5-Trichlorophenol
D042	2,4,6-Trichlorophenol
D043	Vinyl chloride

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES

F001 The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichlorethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F002 The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F003 The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F004 The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F005 The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F006 Wastewater treatment sludges from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.

F007 Spent cyanide plating bath solutions from electroplating operations.

F008 Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.

F009 Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations.
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
F034	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow. Sludges generated in storm water units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2)(including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are exempted from this listing.

Code	Waste description
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)
HAZARDOUS WASTE FROM SPECIFIC SOURCES	
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	Distillation side cuts from the production of acetaldehyde from ethylene.
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile.
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.
K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.
K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.

Code	Waste description
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the

Code	Waste description
	production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated tolunes, ring-chlorinated tolunes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
K150	Organic residules excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated tolunes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated tolunes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes.
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	separation waters) from the production of carbamates and carbamoyl oximes.
K158	Bag house dusts and filter/separation solids from the production of carbamates and carbamoyl oximes.
K159	Organics from the treatment of thiocarbamate wastes.
K160	Solids (including filter wastes, separation solids, and spent catalysts) from the production of thiocarbamates and solids from the treatment of thiocarbamate wastes.
K161	Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126).
DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF— <u>ACUTE</u> HAZARDOUS WASTE	
(AN ALPHABETIZED LISTING CAN BE FOUND AT 40 CFR 261.33.)	
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
P002	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium
P016	Dichloromethyl ether

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone
P018	Brucine
P018	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
P020	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
P021	Calcium cyanide $Ca(CN)_2$
P022	Carbon disulfide
P023	Acetaldehyde, chloro-
P023	Chloroacetaldehyde
P024	Benzenamine, 4-chloro-
P024	p-Chloraniline
P026	1-(o-Chlorophenyl)thiourea
P026	Thiourea, (2-chlorophenyl)-
P027	3-Chloropropionitrile
P027	Propanenitrile, 3-chloro-
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide Cu(CN)
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride (CN)Cl
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide $[(H_2N)C(S)]_2NH$
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin
P051	Endrin, & metabolites
P054	Aziridine
P054	Ethyleneimine
P056	Fluorine
P057	Acetamide, 2-fluoro-
P057	Fluoroacetamide
P058	Acetic acid, fluoro-, sodium salt
P058	Fluoroacetic acid, sodium salt
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P059	Heptachlor
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P060	Isodrin
P062	Hexaethyl tetraphosphate
P062	Tetraphosphoric acid, hexaethyl ester
P063	Hydrocyanic acid
P063	Hydrogen cyanide
P064	Methane, isocyanato-
P064	Methyl isocyanate
P065	Fulminic acid, mercury(2+) salt (R,T)
P065	Mercury fulminate (R,T)
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester
P066	Methomyl
P067	1,2-Propylenimine
P067	Aziridine, 2-methyl-
P068	Hydrazine, methyl-
P068	Methyl hydrazine

Code	Waste description
P069	2-Methyllactonitrile
P069	Propanenitrile, 2-hydroxy-2-methyl-
P070	Aldicarb
P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P071	Methyl parathion
P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P072	alpha-Naphthylthiourea
P072	Thiourea, 1-naphthalenyl-
P073	Nickel carbonyl
P073	Nickel carbonyl $Ni(CO)_4$, (T-4)-
P074	Nickel cyanide
P074	Nickel cyanide $Ni(CN)_2$
P075	Nicotine, & salts
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts
P076	Nitric oxide
P076	Nitrogen oxide NO
P077	Benzenamine, 4-nitro-
P077	p-Nitroaniline
P078	Nitrogen dioxide
P078	Nitrogen oxide NO_2
P081	1,2,3-Propanetriol, trinitrate (R)
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
P084	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
P085	Diphosphoramide, octamethyl-
P085	Octamethylpyrophosphoramide
P087	Osmium oxide OsO_4, (T-4)-
P087	Osmium tetroxide
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	Endothall
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
P098	Potassium cyanide
P098	Potassium cyanide K(CN)
P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	Propanenitrile
P102	2-Propyn-1-ol
P102	Propargyl alcohol
P103	Selenourea
P104	Silver cyanide
P104	Silver cyanide Ag(CN)
P105	Sodium azide
P106	Sodium cyanide
P106	Sodium cyanide Na(CN)
P107	Strontium sulfide SrS
P108	Strychnidin-10-one, & salts
P108	Strychnine, & salts
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt
P120	Vanadium oxide V_2O_5
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	Zinc cyanide $Zn(CN)_2$
P122	Zinc phosphide Zn_3P_2, when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate
P127	Carbofuran
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P185	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O- [(methylamino)-carbonyl]oxime

Code	Waste description
P185	Tirpate
P188	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1)
P188	Physostigmine salicylate
P189	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester
P189	Carbosulfan
P190	Carbamic acid, methyl-, 3-methylphenyl ester
P190	Metolcarb
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]- 5-methyl-1H- pyrazol-3-yl ester
P191	Dimetilan
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methy-l-(1-methylethyl)-1H- pyrazol-5-yl ester
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester
P194	Oxamyl
P196	Manganese dimethyldithiocarbamate
P196	Manganese, bis(dimethylcarbamodithioato-S,S')-,
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[(methylamino)carbonyl]oxy]phenyl]-
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[(methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride
P198	Formetanate hydrochloride
P199	Methiocarb
P199	Mexacarbate
P199	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate
P201	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate
P201	Promecarb
P202	m-Cumenyl methylcarbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	Phenol, 3-(1-methylethyl)-, methyl carbamate
P203	Aldicarb sulfone
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime
P204	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-methylcarbamate (ester), (3aS-cis)-
P205	Zinc, bis(dimethylcarbamodithioato-S,S')-,
P205	Ziram

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
	DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF—TOXIC WASTES
	(AN ALPHABETIZED LISTING CAN BE FOUND AT 40 CFR 261.33.)
See F027	2,3,4,6-Tetrachlorophenol 2,4,5-T 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol Acetic acid, (2,4,5-trichlorophenoxy)- Pentachlorophenol Phenol, 2,3,4,6-tetrachloro- Phenol, 2,4,5-trichloro- Phenol, 2,4,6-trichloro- Phenol, pentachloro- Propanoic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene
U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
U030	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H_2CrO_4, calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U038	Chlorobenzilate
U039	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-
U042	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-
U043	Ethene, chloro-
U043	Vinyl chloride
U044	Chloroform

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	Methane, chloromethoxy-
U047	beta-Chloronaphthalene
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	Phenol, methyl-
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	Cumene (I)
U056	Benzene, hexahydro- (I)
U056	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT
U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rst]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-
U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-
U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
U105	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
U112	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione
U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	Ethyl methanesulfonate
U119	Methanesulfonic acid, ethyl ester

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)
U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide
U135	Hydrogen sulfide H_2S
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	1-Propanol, 2-methyl- (I,T)
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	Lasiocarpine
U144	Acetic acid, lead(2+) salt
U144	Lead acetate
U145	Lead phosphate

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	2,5-Furandione
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	Malononitrile
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	Mercury
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)
U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)
U160	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
U166	1,4-Naphthoquinone
U167	1-Napthalenamine
U167	alpha-Naphthylamine
U168	2-Napthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)
U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
U172	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
U174	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	N-Nitroso-N-methylurethane
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	Pyrrolidine, 1-nitroso-
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	Paraldehyde
U183	Benzene, pentachloro-
U183	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	1-Methylbutadiene (I)
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol
U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione
U190	Phthalic anhydride
U191	2-Picoline
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
U203	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
U205	Selenium sulfide SeS_2 (R,T)
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	Streptozotocin
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane
U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride Tlcl
U216	Thallium(I) chloride
U217	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
U221	Benzenediamine, ar-methyl-
U221	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
U222	o-Toluidine hydrochloride
U223	Benzene, 1,3-diisocyanatomethyl- (R,T)
U223	Toluene diisocyanate (R,T)

Code	Waste description
U225	Bromoform
U225	Methane, tribromo-
U226	Ethane, 1,1,1-trichloro-
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U227	Ethane, 1,1,2-trichloro-
U228	Ethene, trichloro-
U228	Trichloroethylene
U234	1,3,5-Trinitrobenzene (R,T)
U234	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	Ethyl carbamate (urethane)
U239	Benzene, dimethyl- (I,T)
U239	Xylene (I)
U240	2,4-D, salts & esters
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U240	Dichlorophenoxyacetic acid 2,4-D
U243	1-Propene, 1,1,2,3,3,3-hexachloro-
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide $[(H_2N)C(S)]_2S_2$, tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn_3P_2, when present at concentrations of 10% or less
U271	Benomyl
U271	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester
U277	Sulfallate
U277	Carbamodithioic acid, diethyl-, 2-chloro-2-propenyl ester
U278	Bendiocarb
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U279	Carbaryl
U279	1-Naphthalenol, methylcarbamate
U280	Barban

EPA HAZARDOUS WASTE CODES

(Continued)

Code	Waste description
U280	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-
U359	Ethylene glycol monoethyl ether
U364	Bendiocarb phenol
U364	1,3-Benzodioxol-4-ol, 2,2-dimethyl-
U365	H-Azepine-1-carbothioic acid, hexahydro-, S-ethyl ester
U365	Molinate
U366	Dazomet
U366	2H-1,3,5-Thiadiazine- 2-thione, tetrahydro-3,5-dimethyl-
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U375	Carbamic acid, butyl-, 3-iodo-2-propynyl ester
U375	3-Iodo-2-propynyl n-butylcarbamate
U376	Carbamodithioic acid, dimethyl-, tetraanhydrosulfide with orthothiosetenious acid
U376	Selenium, tetrakis (dimethyldithiocarbamate)
U377	Carbamodithioic acid, methyl-, monopotassium salt
U377	Potassium n-methyldithiocarbamate
U378	Carbamodithioic acid, (hydroxymethyl) methyl-, monopotassium salt
U378	Potassium n-hydroxymethyl- n-methyldi-thiocarbamate
U379	Sodium dibutyldithiocarbamate
U379	Carbamodithioic acid, dibutyl, sodium salt
U381	Carbamodithioic acid, diethyl-, sodium salt
U381	Sodium diethyldithiocarbamate
U382	Carbamodithioic acid, dimethyl-, sodium salt
U382	Sodium dimethyldithiocarbamate
U383	Carbamodithioic acid, dimethyl, potassium salt
U383	Potassium dimethyldithiocarbamate
U384	Carbamodithioic acid, methyl-, monosodium salt
U384	Metam Sodium
U385	Carbamothioic acid, dipropyl-, S-propyl ester
U386	Carbamothioic acid, cyclohexylethyl-, S-ethyl ester
U386	Cycloate

Code	Waste description
U387	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester
U387	Prosulfocarb
U389	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester
U389	Triallate
U390	Carbamothioic acid, dipropyl-, S-ethyl ester
U390	EPTC
U391	Carbamothioic acid, butylethyl-, S-propyl ester
U391	Pebulate
U392	Butylate
U392	Carbamothioic acid, bis(2-methylpropyl)-, S-ethyl ester
U393	Copper, bis(dimethylcarbamodithioato-S,S')-
U393	Copper dimethyldithiocarbamate
U394	A2213
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester
U395	Diethylene glycol, dicarbamate
U395	Ethanol, 2,2'-oxybis-, dicarbamate
U396	Ferbam
U396	Iron, tris(dimethylcarbamodithioato-S,S')-,
U400	Bis(pentamethylene)thiuram tetrasulfide
U400	Piperidine, 1,1'-(tetrathiodicarbonothioyl)-bis-
U401	Bis(dimethylthiocarbamoyl) sulfide
U401	Tetramethylthiuram monosulfide
U402	Tetrabutylthiuram disulfide
U402	Thioperoxydicarbonic diamide, tetrabutyl
U403	Disulfiram
U403	Thioperoxydicarbonic diamide, tetraethyl
U404	Ethanamine, N,N-diethyl-
U404	Triethylamine
U407	Ethyl Ziram
U409	Carbamic acid, [1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester
U409	Thiophanate-methyl
U410	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester
U410	Thiodicarb
U411	Phenol, 2-(1-methylethoxy)-, methylcarbamate
U411	Propoxur

SIC CODES

SIC Code Industry

AGRICULTURE

AGRICULTURAL PRODUCTION--CROPS
0111 Wheat
0112 Rice
0115 Corn
0116 Soybeans
0119 Cash grains, nec
0131 Cotton
0132 Tobacco
0133 Sugar cane and sugar beets
0134 Irish potatoes
0139 Field crops, except cash grains, nec
0161 Vegetables and melons
0171 Berry crops
0172 Grapes
0173 Tree nuts
0174 Citrus fruits
0175 Deciduous tree fruits
0179 Fruits and tree nuts, nec
0181 Ornamental nursery products
0182 Food crops grown under cover
0191 General farms, primarily crops

AGRICULTURAL PRODUCTION--LIVESTOCK
0211 Beef cattle feedlots
0212 Beef cattle, except feedlots
0213 Hogs
0214 Sheep and goats
0219 General livestock, nec
0241 Dairy farms
0251 Broiler, fryer, and roaster chickens
0252 Chicken eggs
0253 Turkeys and turkey eggs
0254 Poultry hatcheries
0259 Poultry and eggs, nec
0271 Fur-bearing animals and rabbits
0272 Horses and other equines
0273 Animal aquaculture
0279 Animal specialties, nec
0291 General farms, primarily animal

AGRICULTURAL SERVICES
0711 Soil preparation services
0721 Crop planting and protecting
0722 Crop harvesting
0723 Crop preparation services for market
0724 Cotton ginning
0741 Veterinary services, for livestock
0742 Veterinary services, specialties
0751 Livestock services, except veterinary
0752 Animal specialty services
0761 Farm labor contractors
0762 Farm management services
0781 Landscape counseling and planning
0782 Lawn and garden services
0783 Ornamental shrub and tree services

FORESTRY
0811 Timber tracts
0831 Forest products
0851 Forestry services

FISHING, HUNTING, AND TRAPPING
0912 Finfish
0913 Shellfish
0919 Miscellaneous marine products
0921 Fish hatcheries and preserves
0971 Hunting, trapping, game propagation

MINING

METAL MINING
1011 Iron ores
1021 Copper ores
1031 Lead and zinc ores
1041 Gold ores
1044 Silver ores
1061 Ferroalloy ores, except vanadium
1081 Metal mining services
1094 Uranium, radium, vanadium ores
1099 Metal ores, nec

COAL MINING
1221 Bituminous and lignite coal mining, surface, and bituminous coal preparation plants
1222 Bituminous coal - underground
1231 Anthracite mining
1241 Coal mining services

OIL AND GAS EXTRACTION
1311 Crude petroleum and natural gas
1321 Natural gas liquids
1381 Drilling oil and gas wells
1382 Oil and gas exploration services
1389 Oil and gas field services, nec

NONMETALLIC MINERALS, EXCEPT FUELS
1411 Dimension stone
1422 Crushed and broken limestone
1423 Crushed and broken granite
1429 Crushed and broken stone, nec
1442 Construction sand and gravel
1446 Industrial sand
1455 Kaolin and ball clay
1459 Clay and related minerals, nec
1474 Potash, soda and borate minerals
1475 Phosphate rock
1479 Chemical and fertilizer mining, nec
1481 Nonmetallic minerals services
1499 Miscellaneous nonmetallic minerals, nec

CONSTRUCTION

GENERAL BUILDING CONTRACTORS
1521 Single-family housing construction
1522 Residential construction, nec
1531 Operative builders
1541 Industrial buildings and warehouses
1542 Nonresidential construction, nec

HEAVY CONSTRUCTION, EXCLUDING BUILDINGS
1611 Highway and street construction
1622 Bridge, tunnel, and elevated highway
1623 Water, sewer, and utility lines
1629 Heavy construction, except dredging, nec
1629 Dredging and surface cleanup activities

SPECIAL TRADE CONTRACTORS
1711 Plumbing, heating, air conditioning
1721 Painting and paper hanging
1731 Electrical work
1741 Masonry and other stonework
1742 Plastering, drywall, and insulation
1743 Terrazzo, tile, marble, mosaic work
1751 Carpentry work
1752 Floor laying and floor work, nec
1761 Roofing, siding, and sheet metal work
1771 Concrete work
1781 Water well drilling
1791 Structural steel erection
1793 Glass and glazing work
1794 Excavation work
1795 Wrecking and demolition work
1796 Installing building equipment, nec
1799 Special trade contractors, nec

MANUFACTURING

FOOD AND KINDRED PRODUCTS
2011 Meat packing plants
2013 Sausages and other prepared meats
2015 Poultry slaughtering and processing
2021 Creamery butter
2022 Cheese, natural and processed
2023 Dry, condensed, evaporated products
2024 Ice cream and frozen desserts
2026 Fluid milk
2032 Canned specialties
2033 Canned fruits and vegetables
2034 Dehydrated fruits, vegetables, soups
2035 Pickles, sauces, and salad dressings
2037 Frozen fruits and vegetables
2038 Frozen specialties, nec
2041 Flour and other grain mill products
2043 Cereal breakfast foods
2044 Rice milling
2045 Prepared flour mixes and doughs
2046 Wet corn milling
2047 Dog and cat food
2048 Prepared feeds, nec
2051 Bread, cake, and related products

Note: nec = not elsewhere classified.

SIC CODES
(Continued)

SIC Code	Industry
2052	Cookies and crackers
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy and other confectionery products
2066	Chocolate and cocoa products
2067	Chewing gum
2068	Salted and roasted nuts and seeds
2074	Cottonseed oil mills
2075	Soybean oil mills
2076	Vegetable oil mills, nec
2077	Animal and marine fats and oils
2079	Edible fats and oils, nec
2082	Malt beverages
2083	Malt
2084	Wines, brandy, and brandy spirits
2085	Distilled and blended liquors
2086	Bottled and canned soft drinks
2087	Flavoring extracts and syrups, nec
2091	Canned and cured fish and seafood
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2096	Potato chips and similiar products
2097	Manufactured ice
2098	Macaroni and spaghetti
2099	Food preparations, nec
	TOBACCO PRODUCTS
2111	Cigarettes
2121	Cigars
2131	Chewing and smoking tobacco
2141	Tobacco stemming and redrying
	TEXTILE MILL PRODUCTS
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, man-made
2231	Broadwoven fabric mills, wool
2241	Narrow fabric mills
2251	Women's hosiery, except socks
2252	Hosiery, nec
2253	Knit outerwear mills
2254	Knit underwear mills
2257	Weft knit fabric mills
2258	Lace and warp knit fabric mills
2259	Knitting mills, nec
2261	Finishing plants, cotton
2262	Finishing plants, man-made
2269	Finishing plants, nec
2273	Carpets and rugs
2281	Yarn spinning mills
2282	Throwing and winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord and fabrics
2297	Nonwoven fabrics
2298	Cordage and twine
2299	Textile goods, nec
	APPAREL AND OTHER TEXTILE PRODUCTS
2311	Men's and boys' suits and coats
2321	Men's and boys' shirts
2322	Men's and boys' underwear and nightwear
2323	Men's and boys' neckwear
2325	Men's and boys' trousers and slacks
2326	Men's and boys' work clothing
2329	Men's and boys' clothing, nec
2331	Women's and misses' blouses and shirts
2335	Women's, juniors' and misses' dresses
2337	Women's and misses' suits and coats
2339	Women's and misses' outerwear, nec
2341	Women's and children's underwear
2342	Bras, girdles, and allied garments
2353	Hats, caps, and millinery
2361	Girls' and children's dresses, blouses
2369	Girls' and children's outerwear, nec
2371	Fur goods
2381	Fabric dress and work gloves
2384	Robes and dressing gowns
2385	Waterproof outerwear
2386	Leather and sheep lined clothing
2387	Apparel belts
2389	Apparel and accessories, nec
2391	Curtains and draperies
2392	House furnishings, nec
2393	Textile bags
2394	Canvas and related products
2395	Pleating and stitching
2396	Automotive and apparel trimmings
2397	Schiffli machine embroideries
2399	Fabricated textile products, nec
	LUMBER AND WOOD PRODUCTS
2411	Logging
2421	Sawmills and planing mills, general
2426	Hardwood dimension and flooring mills
2429	Special product sawmills, nec
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer and plywood
2436	Softwood veneer and plywood
2439	Structural wood members, nec
2441	Nailed wood boxes and shook
2448	Wood pallets and skids
2449	Wood containers, nec
2451	Mobile homes
2452	Prefabricated wood buildings
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, nec
	FURNITURE AND FIXTURES
2511	Wood household furniture
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses and bedsprings
2517	Wood TV and radio cabinets
2519	Household furniture, nec
2521	Wood office furniture
2522	Office furniture, except wood
2531	Public building and related furniture
2541	Wood partitions and fixtures
2542	Partitions and fixtures, except wood
2591	Drapery hardware and blinds and shades
2599	Furniture and fixtures, nec
	PAPER AND ALLIED PRODUCTS
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills
2652	Set-up paperboard boxes
2653	Corrugated and solid fiber boxes
2655	Fiber cans, drums, and similar products
2656	Sanitary food containers
2657	Folding paperboard boxes
2671	Paper coated and laminated, packaging
2672	Paper coated and laminated, nec
2673	Bags - plastics, laminated and coated
2674	Bags - uncoated paper and multiwall
2675	Die-cut paper and board
2676	Sanitary paper products
2677	Envelopes
2678	Stationery products
2679	Converted paper products, nec
	PRINTING AND PUBLISHING
2711	Newspapers
2721	Periodicals
2731	Book publishing
2732	Book printing
2741	Miscellaneous publishing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, nec
2761	Manifold business forms
2771	Greeting cards
2782	Blankbooks and looseleaf binders
2789	Bookbinding and related work
2791	Typesetting
2796	Plate making services
	CHEMICALS AND ALLIED PRODUCTS
2812	Alkalies and chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, nec
2821	Plastics materials and resins
2822	Synthetic rubber
2823	Cellulosic man-made fibers
2824	Organic fibers, noncellulosic
2833	Medicinals and botanicals

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
2834	Pharmaceutical preparations
2835	Diagnostic substances
2836	Biological products, except diagnostic
2841	Soap and other detergents
2842	Polishes and sanitation goods
2843	Surface active agents
2844	Toilet preparations
2851	Paints and allied products
2861	Gum and wood chemicals
2865	Cyclic crudes and intermediates
2869	Industrial organic chemicals, nec
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Pesticides and agricultural chemicals, nec
2891	Adhesives and sealants
2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, nec
PETROLEUM AND COAL PRODUCTS	
2911	Petroleum refining
2951	Asphalt paving mixtures and blocks
2952	Asphalt felts and coatings
2992	Lubricating oils and greases
2999	Petroleum and coal products, nec
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	
3011	Tires and inner tubes
3021	Rubber and plastics footwear
3052	Rubber and plastics hose and belting
3053	Gaskets, packing and sealing devices
3061	Mechanical rubber goods
3069	Fabricated rubber products, nec
3081	Unsupported plastics, film and sheet
3082	Unsupported plastics, profile shapes
3083	Laminated plastics, plate and sheet
3084	Plastics, pipe
3085	Plastics, bottles
3086	Plastics, foam products
3087	Custom compound purchased resins
3088	Plastics, plumbing fixtures
3089	Plastics products, nec
LEATHER AND LEATHER PRODUCTS	
3111	Leather tanning and finishing
3131	Footwear, cut stock
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, nec
3151	Leather gloves and mittens
3161	Luggage
3171	Women's handbags and purses
3172	Personal leather goods, nec
3199	Leather goods, nec
STONE, CLAY, AND GLASS PRODUCTS	
3211	Flat glass
3221	Glass containers
3229	Pressed and blown glass, nec
3231	Products of purchased glass
3241	Cement, hydraulic
3251	Brick and structural clay tile
3253	Ceramic wall and floor tile
3255	Clay refractories
3259	Structural clay products, nec
3261	Vitreous plumbing fixtures
3262	Vitreous china table and kitchenware
3263	Semivitreous table and kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, nec
3271	Concrete block and brick
3272	Concrete products, nec
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone and stone products
3291	Abrasive products
3292	Asbestos products
3295	Minerals, ground or treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, nec
PRIMARY METAL INDUSTRIES	
3312	Blast furnaces and steel mills
3313	Electrometallurgical products
3315	Steel wire and related products
3316	Cold finishing of steel shapes
3317	Steel pipe and tubes
3321	Gray and ductile iron foundries
3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, nec
3331	Primary copper
3334	Primary aluminum
3339	Primary nonferrous metals, nec
3341	Secondary nonferrous metals
3351	Copper rolling and drawing
3353	Aluminum sheet, plate, and foil
3354	Aluminum extruded products
3355	Aluminum rolling and drawing, nec
3356	Nonferrous rolling and drawing, nec
3357	Nonferrous wire drawing and insulating
3363	Aluminum die-castings
3364	Nonferrous die-castings, except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, nec
3398	Metal heat treating
3399	Primary metal products, nec
FABRICATED METAL PRODUCTS	
3411	Metal cans
3412	Metal barrels, drums, and pails
3421	Cutlery
3423	Hand and edge tools, nec
3425	Saw blades and handsaws
3429	Hardware, nec
3431	Metal sanitary ware
3432	Plumbing fixture fittings and trim
3433	Heating equipment, except electric
3441	Fabricated structural metal
3442	Metal doors, sash, and trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metal work
3446	Architectural metal work
3448	Prefabricated metal buildings
3449	Miscellaneous metal work
3451	Screw machine products
3452	Bolts, nuts, rivets, and washers
3462	Iron and steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns and closures
3469	Metal stampings, nec
3471	Plating and polishing
3479	Metal coating and allied services
3482	Small arms ammunition
3483	Ammunition, except for small arms, nec
3484	Small arms
3489	Ordnance and accessories, nec
3491	Industrial valves
3492	Fluid power valves and hose fittings
3493	Steel springs, except wire
3494	Valves and pipe fittings, nec
3495	Wire springs
3496	Miscellaneous fabricated wire products
3497	Metal foil and leaf
3498	Fabricated pipe and fittings
3499	Fabricated metal products, nec
INDUSTRIAL MACHINERY AND EQUIPMENT	
3511	Turbines and turbine generator sets
3519	Internal combustion engines, nec
3523	Farm machinery and equipment
3524	Lawn and garden equipment
3531	Construction machinery
3532	Mining machinery
3533	Oil and gas field machinery
3534	Elevators and moving stairways
3535	Conveyors and conveying equipment
3536	Hoists, cranes, and monorails
3537	Industrial trucks and tractors
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs, and fixture
3545	Machine tool accessories

Note: nec = not elsewhere classified.

SIC Code	Industry
3546	Power driven hand tools
3547	Rolling mill machinery
3548	Welding apparatus
3549	Metalworking machinery, nec
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, nec
3561	Pumps and pumping equipment
3562	Ball and roller bearings
3563	Air and gas compressors
3564	Blowers and fans
3565	Packaging machinery
3566	Speed changers, drives, and gears
3567	Industrial furnaces and ovens
3568	Power transmission equipment, nec
3569	General industrial machinery, nec
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3577	Computer peripheral equipment, nec
3578	Calculating and accounting equipment
3579	Office machines, nec
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration and heating equipment
3586	Measuring and dispensing pumps
3589	Service industry machinery, nec
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders and actuators
3594	Fluid power pumps and motors
3596	Scales and balances, except laboratory
3599	Industrial machinery, nec
	ELECTRONIC AND OTHER ELECTRIC EQUIPMENT
3612	Transformers, except electronic
3613	Switchgear and switchboard apparatus
3621	Motors and generators
3624	Carbon and graphite products
3625	Relays and industrial controls
3629	Electrical industrial apparatus, nec
3631	Household cooking equipment
3632	Household refrigerators and freezers
3633	Household laundry equipment
3634	Electric housewares and fans
3635	Household vacuum cleaners
3639	Household appliances, nec
3641	Electric lamps
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential lighting fixtures
3646	Commercial lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, nec
3651	Household audio and video equipment
3652	Prerecorded records and tapes
3661	Telephone and telegraph apparatus
3663	Radio and TV communication equipment
3669	Communications equipment, nec
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors and related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils and transformers
3678	Electronic connectors
3679	Electronic components, nec
3691	Storage batteries
3692	Primary batteries, dry and wet
3694	Engine electrical equipment
3695	Magnetic and optical recording media
3699	Electrical equipment and supplies, nec
	TRANSPORTATION EQUIPMENT
3711	Motor vehicles and car bodies
3713	Truck and bus bodies
3714	Motor vehicle parts and accessories
3715	Truck trailers
3716	Motor homes
3721	Aircraft
3724	Aircraft engines and engine parts
3728	Aircraft parts and equipment, nec
3731	Ship building and repairing
3732	Boat building and repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, and parts
3761	Guided missiles and space vehicles
3764	Space propulsion units and parts
3769	Space vehicle equipment, nec
3792	Travel trailers and campers
3795	Tanks and tank components
3799	Transportation equipment, nec
	INSTRUMENTS AND RELATED PRODUCTS
3812	Search and navigation equipment
3821	Laboratory apparatus and furniture
3822	Environmental controls
3823	Process control instruments
3824	Fluid meters and counting devices
3825	Instruments to measure electricity
3826	Analytical instruments
3827	Optical instruments and lenses
3829	Measuring and controlling devices, nec
3841	Surgical and medical instruments
3842	Surgical appliances and supplies
3843	Dental equipment and supplies
3844	X-ray apparatus and tubes
3845	Electromedical equipment
3851	Ophthalmic goods
3861	Photographic equipment and supplies
3873	Watches, clocks, watchcases, and parts
	MISCELLANEOUS MANUFACTURING INDUSTRIES
3911	Jewelry, precious metal
3914	Silverware and plated ware
3915	Jewelers' materials and lapidary work
3931	Musical instruments
3942	Dolls and stuffed toys
3944	Games, toys, and children's vehicles
3949	Sporting and athletic goods, nec
3951	Pens and mechanical pencils
3952	Lead pencils and art goods
3953	Marking devices
3955	Carbon paper and inked ribbons
3961	Costume jewelry
3965	Fasteners, buttons, needles, and pins
3991	Brooms and brushes
3993	Signs and advertising specialties
3995	Burial caskets
3996	Hard surface floor coverings, nec
3999	Manufacturing industries, nec
	TRANSPORTATION AND UTILITIES
	RAILROAD TRANSPORTATION
4011	Railroads, line-haul operating
4013	Switching and terminal devices
	LOCAL AND INTERURBAN PASSENGER TRANSIT
4111	Local and suburban transit
4119	Local passenger transportation, nec
4121	Taxicabs
4131	Intercity and rural bus transportation
4141	Local bus charter service
4142	Bus charter service, except local
4151	School buses
4173	Bus terminal and service facilities
	TRUCKING AND WAREHOUSING
4212	Local trucking, without storage
4213	Trucking, except local
4214	Local trucking with storage
4215	Courier services, except by air
4221	Farm product warehousing and storage
4222	Refrigerated warehousing and storage
4225	General warehousing and storage
4226	Special warehousing and storage, nec
4231	Trucking terminal facilities
	U.S. POSTAL SERVICE
4311	U.S. Postal Service
	WATER TRANSPORTATION
4412	Deep sea foreign transportation offreight
4424	Deep sea domestic trans. of freight

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
4432	Freight transportation, on the Great Lakes
4449	Water transportation of freight, nec
4481	Deep sea passenger trans., except ferry
4482	Ferries
4489	Water passenger transportation, nec
4491	Marine cargo handling
4492	Towing and tugboat service
4493	Marinas
4499	Water transportation services, nec
	TRANSPORTATION BY AIR
4512	Air transportation, scheduled
4513	Air courier services
4522	Air transportation, nonscheduled
4581	Airports, flying fields, and services
	PIPELINES, EXCEPT NATURAL GAS
4612	Crude petroleum pipelines
4613	Refined petroleum pipelines
4619	Pipelines, nec
	TRANSPORTATION SERVICES
4724	Travel agencies
4725	Tour operators
4729	Passenger transportation arrangement, nec
4731	Freight transportation arrangement
4741	Rental of railroad cars
4783	Packing and crating
4785	Inspection and fixed facilities
4789	Transportation services, nec
	COMMUNICATIONS
4812	Radiotelephone communications
4813	Telephone communications, except radio
4822	Telegraph and other communications
4832	Radio broadcasting stations
4833	Television broadcasting stations
4841	Cable and other pay TV services
4899	Communication services, nec
	ELECTRIC, GAS, AND SANITARY SERVICES
4911	Electric services
4922	Natural gas transmission
4923	Gas transmission and distribution
4924	Natural gas distribution
4925	Gas production and/or distribution
4931	Electric and other services combined
4932	Gas and other services combined
4939	Combination utilities, nec
4941	Water supply
4952	Sewerage systems
4953	Refuse systems
4959	Sanitary services, nec
4961	Steam and air conditioning supply
4971	Irrigation systems
	WHOLESALE TRADE
	WHOLESALE TRADE, DURABLE GOODS
5012	Automobiles and other motor vehicles
5013	Motor vehicle supplies and new parts
5014	Tires and tubes
5015	Motor vehicle parts, used
5021	Furniture
5023	Home furnishings
5031	Lumber, plywood, and millwork
5032	Brick, stone, and related materials
5033	Roofing, siding, and insulation
5039	Construction materials, nec
5043	Photographic equipment and supplies
5044	Office equipment
5045	Computers, peripherals, and software
5046	Commercial equipment, nec
5047	Medicinal and hospital equipment
5048	Ophthalmic goods
5049	Professional equipment, nec
5051	Metals service centers and offices
5052	Coal and other minerals and ores
5063	Electrical apparatus and equipment
5064	Electrical appliances, TV and radios
5065	Electronic parts and equipment
5072	Hardware
5074	Plumbing and hydronic heating supplies
5075	Warm air heating and air conditioning
5078	Refrigeration equipment and supplies
5082	Construction and mining machinery
5083	Farm and garden machinery
5084	Industrial machinery and equipment
5085	Industrial supplies
5087	Service establishment equipment
5088	Transportation equipment and supplies
5091	Sporting and recreational goods
5092	Toys and hobby goods and supplies
5093	Scrap and waste materials
5094	Jewelry and precious stones
5099	Durable goods, nec
	WHOLESALE TRADE, NONDURABLE GOODS
5111	Printing and writing paper
5112	Stationery and office supplies
5113	Industrial and personal service paper
5122	Drugs, proprietaries, and sundries
5131	Piece goods and notions
5136	Men's and boys' clothing
5137	Women's and children's clothing
5139	Footwear
5141	Groceries, general line
5142	Packaged frozen foods
5143	Dairy products, except dried or canned
5144	Poultry and poultry products
5145	Confectionery
5146	Fish and seafoods
5147	Meats and meat products
5148	Fresh fruits and vegetables
5149	Groceries and related products, nec
5153	Grain and field beans
5154	Livestock
5159	Farm-product raw materials, nec
5162	Plastics materials and basic shapes
5169	Chemicals and allied products, nec
5171	Petroleum bulk stations and terminals
5172	Petroleum products, nec
5181	Beer and ale
5182	Wines and distilled beverages
5191	Farm supplies
5192	Books, periodicals, and newspapers
5193	Flowers and florists' supplies
5194	Tobacco and tobacco products
5198	Paints, varnishes, and supplies
5199	Nondurable goods, nec
	RETAIL TRADE
	BUILDING MATERIALS AND GARDEN SUPPLIES
5211	Lumber and other building materials
5231	Paint, glass, and wallpaper stores
5251	Hardware stores
5261	Retail nurseries and gardens
5271	Mobile home dealers
	GENERAL MERCHANDISE STORES
5311	Department stores
5331	Variety stores
5399	Miscellaneous general merchandise
	FOOD STORES
5411	Grocery stores
5421	Meat and fish markets
5431	Fruit and vegetable markets
5441	Candy, nut, and confectionery stores
5451	Dairy products stores
5461	Retail bakers
5499	Miscellaneous food stores
	AUTOMOTIVE DEALERS AND SERVICE STATIONS
5511	New and used car dealers
5521	Used car dealers
5531	Auto and home supply stores
5541	Gasoline service stations
5551	Boat dealers
5561	Recreational vehicle dealers
5571	Motorcycle dealers
5599	Automotive dealers, nec
	APPAREL AND ACCESSORY STORES
5611	Men's and boys' clothing stores

Note: nec = not elsewhere classified.

SIC Code Industry

5621 Women's clothing stores
5632 Women's accessory and specialty stores
5641 Children's and infants' wear stores
5651 Family clothing stores
5661 Shoe stores
5699 Miscellaneous apparel and accessory stores

FURNITURE AND HOME FURNISHINGS STORES
5712 Furniture stores
5713 Floor covering stores
5714 Drapery and upholstery stores
5719 Miscellaneous home furnishings stores
5722 Household appliance stores
5731 Radio, TV, and electronic stores
5734 Computer and software stores
5735 Record and prerecorded tape stores
5736 Musical instruments stores

EATING AND DRINKING PLACES
5812 Eating places (except food services)
5812 Food services
5813 Drinking places

MISCELLANEOUS RETAIL
5912 Drugstores and proprietary stores
5921 Liquor stores
5932 Used merchandise stores
5941 Sporting goods and bicycle shops
5942 Book stores
5943 Stationery stores
5944 Jewelry stores
5945 Hobby, toy, and game shops
5946 Camera and photographic supply stores
5947 Gift, novelty, and souvenir shops
5948 Luggage and leather goods stores
5949 Sewing, needlework, and piece goods
5961 Catalog and mail order houses
5962 Merchandising machine operators
5963 Direct selling organizations
5983 Fuel oil dealers
5989 Fuel dealers, nec
5984 Liquefied petroleum gas dealers
5992 Florists
5993 Cigar stores and stands
5994 News dealers and newsstands
5995 Optical goods stores
5999 Miscellaneous retail stores, nec

FINANCE, INSURANCE & REAL ESTATE

DEPOSITORY INSTITUTIONS
6011 Federal Reserve banks
6019 Central reserve depository, nec
6021 National commercial banks
6022 State commercial banks
6029 Commercial banks, nec
6035 Federal savings institutions
6036 Savings institutions, except federal
6061 Federal credit unions
6062 State credit unions
6081 Foreign banks and branches and agencies
6082 Foreign trade and international banks
6091 Nondeposit trust facilities
6099 Functions related to deposit banking

NONDEPOSITORY INSTITUTIONS
6111 Federal and federally-sponsored credit
6141 Personal credit institutions
6153 Short-term business credit
6159 Miscellaneous business credit institutions
6162 Mortgage bankers and correspondents
6163 Loan brokers

SECURITY AND COMMODITY BROKERS
6211 Security brokers and dealers
6221 Commodity contracts brokers, dealers
6231 Security and commodity exchanges
6282 Investment advice
6289 Security and commodity services, nec

INSURANCE CARRIERS
6311 Life insurance
6321 Accident and health insurance
6324 Hospital and medical service plans
6331 Fire, marine, and casualty insurance
6351 Surety insurance
6361 Title insurance
6371 Pension, health, and welfare funds
6399 Insurance carriers, nec

INSURANCE AGENTS, BROKERS, AND SERVICE
6411 Insurance agents, brokers, and service

REAL ESTATE
6512 Nonresidential building operators
6513 Apartment building operators
6514 Dwelling operators, except apartments
6515 Mobile home site operators
6517 Railroad property lessors
6519 Real property lessors, nec
6531 Real estate agents and managers
6541 Title abstract offices
6552 Subdividers and developers, nec
6553 Cemetery subdividers and developers

HOLDING AND OTHER INVESTMENT OFFICES
6712 Bank holding companies
6719 Holding companies, nec
6722 Management investment, open-end
6726 Investment offices, nec
6732 Educational, religious, etc. trusts
6733 Trusts, nec
6792 Oil royalty traders
6794 Patent owners and lessors
6798 Real estate investment trusts
6799 Investors, nec

SERVICES

HOTELS AND OTHER LODGING PLACES
7011 Hotels and motels
7021 Rooming and boarding houses
7032 Sporting and recreational camps
7033 Trailer parks and campsites
7041 Membership-basis organization hotels

PERSONAL SERVICES
7211 Power laundries, family and commercial
7212 Garment pressing and cleaners' agents
7213 Linen supply
7215 Coin-operated laundries and cleaning
7216 Dry cleaning plants, except rug
7217 Carpet and upholstery cleaning
7218 Industrial launderers
7219 Laundry and garment services, nec
7221 Photographic studios, portrait
7231 Beauty shops
7241 Barber shops
7251 Shoe repair and shoeshine shops
7261 Funeral service and crematories
7291 Tax return preparation services
7299 Miscellaneous personal services, nec

BUSINESS SERVICES
7311 Advertising agencies
7312 Outdoor advertising services
7313 Radio, TV, publisher representatives
7319 Advertising, nec
7322 Adjustment and collection services
7323 Credit reporting services
7331 Direct mail advertising services
7334 Photocopying and duplicating services
7335 Commercial photography
7336 Commercial art and graphic design
7338 Secretarial and court reporting
7342 Disinfecting and pest control services
7349 Building maintenance services, nec
7352 Medical equipment rental

Note: nec = not elsewhere classified.

SIC CODES

(Continued)

SIC Code	Industry
7353	Heavy construction equipment rental
7359	Equipment rental and leasing, nec
7361	Employment agencies
7363	Help supply services
7371	Computer programming services
7372	Prepackaged software
7373	Computer integrated systems design
7374	Data processing services
7375	Information retrieval services
7376	Computer facilities management
7377	Computer rental and leasing
7378	Computer maintenance and repair
7379	Computer related services, nec
7381	Detective and armored car services
7382	Security systems services
7383	News syndicates
7384	Photofinishing laboratories
7389	Business services, nec
	AUTOMOTIVE REPAIR, SERVICES, AND PARKING
7513	Truck rental and leasing, no drivers
7514	Passenger car rental
7515	Passenger car leasing
7519	Utility trailer rental
7521	Automobile parking
7532	Top and body repair and paint shops
7533	Auto exhaust system repair shops
7534	Tire retreading and repair shops
7536	Automotive glass replacement shops
7537	Automotive transmission repair shops
7538	General automotive repair shops
7539	Automotive repair shops, nec
7542	Car washes
7549	Automotive services, nec
	MISCELLANEOUS REPAIR SERVICES
7622	Radio and television repair
7623	Refrigeration service and repair
7629	Electrical repair shops, nec
7631	Watch, clock, and jewelry repair
7641	Reupholstery and furniture repair
7692	Welding repair
7694	Armature rewinding shops
7699	Repair services, nec
	MOTION PICTURES
7812	Motion picture and video production
7819	Services allied to motion pictures
7822	Motion picture and tape distribution
7829	Motion picture distribution services
7832	Motion picture theaters except drive-in
7833	Drive-in motion picture theaters
7841	Video tape rental
	AMUSEMENT AND RECREATION SERVICES
7911	Dance studios, schools, and halls
7922	Theatrical producers and services
7929	Entertainers and entertainment groups
7933	Bowling centers
7941	Sports clubs, managers, and promoters
7948	Racing, including track operation
7991	Physical fitness facilities
7992	Public golf courses
7993	Coin-operated amusement devices
7996	Amusement parks
7997	Membership sports and recreation clubs
7999	Amusement and recreation, nec
	HEALTH SERVICES
8011	Offices and clinics of medical doctors
8021	Offices and clinics of dentists
8031	Offices of osteopathic physicians
8041	Offices and clinics of chiropractors
8042	Offices and clinics of optometrists
8043	Office and clinics of podiatrists
8049	Offices of health practitioners, nec
8051	Skilled nurse care facilities
8052	Intermediate care facilities
8059	Nursing and personal care, nec
8062	General medical and surgical hospitals
8063	Psychiatric hospitals
8069	Specialty hospitals, except psychiatric
8071	Medical laboratories
8072	Dental laboratories
8082	Home health care services
8092	Kidney dialysis centers
8093	Specialty outpatient clinics, nec
8099	Health and allied services, nec
	LEGAL SERVICES
8111	Legal services
	EDUCATIONAL SERVICES
8211	Elementary and secondary schools
8221	Colleges and universities
8222	Junior colleges
8231	Libraries
8243	Data processing schools
8244	Business and secretarial schools
8249	Vocational schools, nec
8299	Schools and educational services, nec
8299	Flight training services
	SOCIAL SERVICES
8322	Individual and family services
8331	Job training and related services
8351	Child day care services
8361	Residential care
8399	Social services, nec
	MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS
8412	Museums and art galleries
8422	Botanical and zoological gardens
	MEMBERSHIP ORGANIZATIONS
8611	Business associations
8621	Professional organizations
8631	Labor organizations
8641	Civic and social associations
8651	Political organizations
8661	Religious organizations
8699	Membership organizations, nec
	ENGINEERING AND MANAGEMENT SERVICES
8711	Engineering services
8712	Architectural services
8713	Surveying services
8721	Accounting, auditing, and bookkeeping
8731	Commercial physical research
8732	Commercial nonphysical research
8733	Noncommercial research organizations
8734	Testing laboratories
8741	Management services
8742	Management consulting services
8743	Public relations services
8744	Facilities support services
8748	Business consulting, nec
	PRIVATE HOUSEHOLDS
8811	Private households
	SERVICES, NEC
8999	Services, nec
	PUBLIC ADMINISTRATION
	EXECUTIVE, LEGISLATIVE, AND GENERAL
9111	Executive offices
9121	Legislative bodies
9131	Executive and legislative combined
9199	General government, nec
	JUSTICE, PUBLIC ORDER, AND SAFETY
9211	Courts
9221	Police protection
9222	Legal counsel and prosecution
9223	Correctional institutions
9224	Fire protection
9229	Public order and safety, nec
	FINANCE, TAXATION, AND MONETARY POLICY
9311	Finance, taxation, and monetary policy
	ADMINISTRATION OF HUMAN RESOURCES
9411	Administration of educational programs
9431	Administration of public health programs
9441	Administration of social and manpower programs
9451	Administration of veterans' affairs

Note: nec = not elsewhere classified.

SIC Code	Industry

ENVIRONMENTAL QUALITY, AND HOUSING

9511 Air, water, and solid waste management
9512 Land, mineral, wildlife conservation
9531 Housing programs
9532 Urban and community development

ADMINISTRATION OF ECONOMIC PROGRAMS

9611 Admin. of general economic programs
9621 Regulation, admin. of transportation
9631 Regulation, administration of utilities
9641 Regulation of agricultural marketing
9651 Regulation of misc. commercial sectors
9661 Space research and technology

NATIONAL SECURITY AND INTERNATIONAL AFFAIRS

9711 National security
9721 International affairs

NONCLASSIFIABLE ESTABLISHMENTS

9999 Nonclassifiable establishment

Note: nec = not elsewhere classified.

SOURCE CODES

Code	Waste source
CLEANING AND DEGREASING	
A01	Stripping
A02	Acid cleaning
A03	Caustic (Alkali) cleaning
A04	Flush rinsing
A05	Dip rinsing
A06	Spray rinsing
A07	Vapor degreasing
A08	Physical scraping and removal
A09	Clean out process equipment
A19	Other cleaning and degreasing
SURFACE PREPARATION AND FINISHING	
A21	Painting
A22	Electroplating
A23	Electroless plating
A24	Phosphating
A25	Heat treating
A26	Pickling
A27	Etching
A29	Other surface coating/preparation (Specify in Comments)
PROCESSES OTHER THAN SURFACE PREPARATION	
A31	Product rinsing
A32	Product filtering
A33	Product distillation
A34	Product solvent extraction
A35	By-product processing
A36	Spent catalyst removal
A37	Spent process liquids removal
A38	Tank sludge removal
A39	Slag removal
A40	Metal forming
A41	Plastics forming
A49	Other processes other than surface preparation (Specify in Comments)
PRODUCTION OR SERVICE DERIVED ONE-TIME AND INTERMITTENT PROCESSES	
A51	Leak collection
A53	Cleanup of spill residues
A54	Oil changes
A55	Filter/Battery replacement
A56	Discontinue use of process equipment
A57	Discarding off-spec material
A58	Discarding out-of-date products or chemicals
A59	Other production-derived one-time and intermittent processes
A60	Sludge removal
REMEDIATION DERIVED WASTE	
A61	Superfund Remedial Action
A62	Superfund Emergency Response
A63	RCRA Corrective Action at solid waste management unit
A64	RCRA closure of hazardous waste management unit
A65	Underground storage tank cleanup
A69	Other remediation
POLLUTION CONTROL OR WASTE TREATMENT PROCESSES	
A71	Filtering/screening
A72	Metals recovery
A73	Solvents recovery
A74	Incineration/Thermal treatment
A75	Wastewater treatment
A76	Sludge dewatering
A77	Stabilization
A78	Air pollution control devices
A79	Leachate collection
A89	Other pollution control or waste treatment
OTHER PROCESSES	
A91	Clothing and personal protective equipment
A92	Routine cleanup wastes (e.g., floor sweepings)
A93	Closure of management unit(s) or equipment other than by remediation specified in codes A61 - A69
A94	Laboratory wastes
A99	Other

Code	Waste description

LAB PACKS

LAB PACKS - Lab packs of mixed wastes, chemicals, lab wastes

B001	Lab packs of old chemicals only
B002	Lab packs of debris only
B003	Mixed lab packs
B004	Lab packs containing acute hazardous wastes
B009	Other lab packs (Specify in Comments)

LIQUIDS

INORGANIC LIQUIDS - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content

B101	Aqueous waste with low solvents
B102	Aqueous waste with low other toxic organics
B103	Spent acid with metals
B104	Spent acid without metals
B105	Acidic aqueous waste
B106	Caustic solution with metals but no cyanides
B107	Caustic solution with metals and cyanides
B108	Caustic solution with cyanides but no metals
B109	Spent caustic
B110	Caustic aqueous waste
B111	Aqueous waste with reactive sulfides
B112	Aqueous waste with other reactives (e.g., explosives)
B113	Other aqueous waste with high dissolved solids
B114	Other aqueous waste with low dissolved solids
B115	Scrubber water
B116	Leachate
B117	Waste liquid mercury
B119	Other inorganic liquids (Specify in Comments)

ORGANIC LIQUIDS - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content

B201	Concentrated solvent-water solution
B202	Halogenated (e.g., chlorinated) solvent
B203	Nonhalogenated solvent
B204	Halogenated/nonhalogenated solvent mixture
B205	Oil-water emulsion or mixture
B206	Waste oil
B207	Concentrated aqueous solution of other organics
B208	Concentrated phenolics
B209	Organic paint, ink, lacquer, or varnish
B210	Adhesives or epoxies
B211	Paint thinner or petroleum distillates
B212	Reactive or polymerizable organic liquid
B219	Other organic liquids (Specify in Comments)

SOLIDS

INORGANIC SOLIDS - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable

B301	Soil contaminated with organics
B302	Soil contaminated with inorganics only
B303	Ash, slag, or other residue from incineration of wastes
B304	Other "dry" ash, slag, or thermal residue
B305	"Dry" lime or metal hydroxide solids chemically "fixed"
B306	"Dry" lime or metal hydroxide solids not "fixed"
B307	Metal scale, filings, or scrap
B308	Empty or crushed metal drums or containers
B309	Batteries or battery parts, casings, cores
B310	Spent solid filters or adsorbents
B311	Asbestos solids and debris
B312	Metal-cyanide salts/chemicals
B313	Reactive cyanide salts/chemicals
B314	Reactive sulfide salts/chemicals
B315	Other reactive salts/chemicals
B316	Other metal salts/chemicals
B319	Other waste inorganic solids (Specify in Comments)

ORGANIC SOLIDS - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable

B401	Halogenated pesticide solid
B402	Nonhalogenated pesticide solid
B403	Solid resins or polymerized organics
B404	Spent carbon
B405	Reactive organic solid
B406	Empty fiber or plastic containers
B407	Other halogenated organic solids (Specify in Comments)

FORM CODES
(Continued)

Code	Waste description
B409	Other nonhalogenated organic solids (Specify in Comments)

SLUDGES

INORGANIC SLUDGES - Waste that is primarily inorganic, with moderate-to-high water content and low organic content, and pumpable

B501	Lime sludge without metals
B502	Lime sludge with metals/metal hydroxide sludge
B503	Wastewater treatment sludge with toxic organics
B504	Other wastewater treatment sludge
B505	Untreated plating sludge without cyanides
B506	Untreated plating sludge with cyanides
B507	Other sludge with cyanides
B508	Sludge with reactive sulfides
B509	Sludge with other reactives
B510	Degreasing sludge with metal scale or filings
B511	Air pollution control device sludge (e.g., fly ash, wet scrubber sludge)
B512	Sediment or lagoon dragout contaminated with organics
B513	Sediment or lagoon dragout contaminated with inorganics only
B514	Drilling mud
B515	Asbestos slurry or sludge
B516	Chloride or other brine sludge
B519	Other inorganic sludges (Specify in Comments)

ORGANIC SLUDGES - Waste that is primarily organic with low-to-moderate inorganic solids content and water content, and pumpable

B601	Still bottoms of halogenated (e.g., chlorinated) solvents or other organic liquids
B602	Still bottoms of nonhalogenated solvents or other organic liquids
B603	Oily sludge
B604	Organic paint or ink sludge
B605	Reactive or polymerizable organics
B606	Resins, tars, or tarry sludge
B607	Biological treatment sludge
B608	Sewage or other untreated biological sludge
B609	Other organic sludges (Specify in Comments)

GASES

INORGANIC GASES - Waste that is primarily inorganic with a low organic content and is a gas at atmospheric pressure

B701	Inorganic gases

ORGANIC GASES - Waste that is primarily organic with low-to-moderate inorganic content and is a gas at atmospheric pressure

B801	Organic gases

Code	System type

METALS RECOVERY (FOR REUSE)

M011 High temperature metals recovery
M012 Retorting
M013 Secondary smelting
M014 Other metals recovery for reuse: e.g., ion exchange, reverse osmosis, acid leaching, etc. (Specify in Comments)
M019 Metals recovery - type unknown

SOLVENTS RECOVERY

M021 Fractionation/distillation
M022 Thin film evaporation
M023 Solvent extraction
M024 Other solvent recovery (Specify in Comments)
M029 Solvents recovery - type unknown

OTHER RECOVERY

M031 Acid regeneration
M032 Other recovery: e.g., waste oil recovery, nonsolvent organics recovery, etc. (Specify in Comments)
M039 Other recovery - type unknown

INCINERATION

M041 Incineration - liquids
M042 Incineration - sludges
M043 Incineration - solids
M044 Incineration - gases
M049 Incineration - type unknown

ENERGY RECOVERY (REUSE AS FUEL)

M051 Energy recovery - liquids
M052 Energy recovery - sludges
M053 Energy recovery - solids
M059 Energy recovery - type unknown

FUEL BLENDING

M061 Fuel blending

AQUEOUS INORGANIC TREATMENT

M071 Chrome reduction followed by chemical precipitation
M072 Cyanide destruction followed by chemical precipitation
M073 Cyanide destruction only
M074 Chemical oxidation followed by chemical precipitation
M075 Chemical oxidation only
M076 Wet air oxidation
M077 Chemical precipitation
M078 Other aqueous inorganic treatment: e.g., ion exchange, reverse osmosis, etc. (Specify in Comments)
M079 Aqueous inorganic treatment - type unknown

AQUEOUS ORGANIC TREATMENT

M081 Biological treatment
M082 Carbon adsorption
M083 Air/steam stripping
M084 Wet air oxidation
M085 Other aqueous organic treatment (Specify in Comments)
M089 Aqueous organic treatment - type unknown

AQUEOUS ORGANIC AND INORGANIC TREATMENT

M091 Chemical precipitation in combination with biological treatment
M092 Chemical precipitation in combination with carbon adsorption
M093 Wet air oxidation
M094 Other organic/inorganic treatment (Specify in Comments)
M099 Aqueous organic and inorganic treatment - type unknown

SLUDGE TREATMENT

M101 Sludge dewatering
M102 Addition of excess lime
M103 Absorption/adsorption
M104 Solvent extraction
M109 Sludge treatment - type unknown

SYSTEM TYPE CODES
(Continued)

Code	System type	Code	System type

STABILIZATION

M111 Stabilization/Chemical fixation using cementitious and/or pozzolanic materials
M112 Other stabilization (Specify in Comments)
M119 Stabilization - type unknown

OTHER TREATMENT

M121 Neutralization only
M122 Evaporation only
M123 Settling/clarification only
M124 Phase separation (e.g., emulsion breaking, filtration) only
M125 Other treatment (Specify in Comments)
M129 Other treatment - type unknown

DISPOSAL

M131 Land treatment/application/farming
M132 Landfill
M133 Surface impoundment (to be closed as a landfill)
M134 Deepwell/underground injection
M135 Direct discharge to sewer/POTW (no prior treatment)
M136 Direct discharge to surface water under NPDES (no prior treatment)
M137 Other disposal (Specify in Comments)

TRANSFER FACILITY STORAGE

M141 Transfer facility storage, waste was shipped off site with no on-site TDR activity

~~W01 On-site beneficial use/reuse began during 1995~~

~~W02 Off-site beneficial use/reuse began during 1995~~

Code	Waste minimization activity	Code	Waste minimization activity

SOURCE REDUCTION ACTIVITY

GOOD OPERATING PRACTICES

W11 Began to segregate types of hazardous waste to make them more amenable to recycling
W12 Began to segregate (stopped combining) hazardous waste from non-hazardous waste (Note: for purposes of hazardous waste reporting, reduces volume of hazardous waste, but does not reduce total waste volume)
W13 Improved maintenance scheduling, recordkeeping, or procedures
W14 Changed production schedule to minimize equipment and feedstock changeovers
W19 Other changes in operating practices (Specify in Comments)

INVENTORY CONTROL

W21 Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life
W22 Began to test outdated material--continue to use if still effective
W23 Eliminated shelf-life requirements for stable materials
W24 Instituted better labelling procedures
W25 Instituted clearinghouse to exchange materials that would otherwise be discarded

W29 Other (Specify in Comments)

SPILL AND LEAK PREVENTION

W31 Improved storage or stacking procedures
W32 Improved procedures for loading, unloading, and transfer operations
W33 Installed overflow alarms or automatic shut-off valves
W34 Installed secondary containment
W35 Installed vapor recovery systems
W36 Implemented inspection or monitoring program of potential spill or leak sources
W39 Other (Specify in Comments)

RAW MATERIAL MODIFICATIONS

W41 Increased purity of raw materials
W42 Substituted raw materials
W49 Other (Specify in Comments)

PROCESS MODIFICATIONS

W51 Instituted closed-loop recycling
W52 Modified equipment, layout, or piping
W53 Changed process catalyst
W54 Instituted better controls on operating conditions (flow rate, temperature, pressure, residence time)
W55 Changed from small volume containers to bulk containers to minimize discarding of empty containers
W58 Other (Specify in Comments)

CLEANING AND DEGREASING

W59 Modified stripping/cleaning equipment
W60 Changed to mechanical stripping/cleaning devices (from solvents or other materials)
W61 Changed to aqueous cleaners (from solvents or other materials)
W62 Reduced the number of solvents used, to make waste more amenable to recycling
W63 Modified containment procedures for cleaning units
W64 Improved draining procedures
W65 Redesigned parts racks to reduce dragout
W66 Modified or installed rinse systems
W67 Improved rinse equipment design
W68 Improved rinse equipment operation
W71 Other (Specify in Comments)

SURFACE PREPARATION AND FINISHING

W72 Modified spray systems or equipment
W73 Substituted coating materials used
W74 Improved application techniques
W75 Changed from spray to other system
W78 Other (Specify in Comments)

PRODUCT MODIFICATIONS

W81 Changed product specifications
W82 Modified design or composition
W83 Modified packaging
W89 Other (Specify in Comments)

OTHER SOURCE REDUCTION ACTIVITY

ACTIVITY CODES
(Continued)

Code	Waste minimization activity	Code	Waste minimization activity
W99	Specify in Comments		

1995 Waste Minimization Report Forms

READ ALL INSTRUCTIONS BEFORE COMPLETING THE FORMS

USE ONLY THE CODE LISTS IN THIS BOOKLET

printed on recycled paper using soy-based ink

SITE NAME _____

EPA ID NO. | | | | | | | | | | | | |

TNRCC ID NO. | | | | | | |

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

1995 Waste Minimization Report

FORM

IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 7 of the 1995 Waste Minimization Report booklet before completing this form.

SEC. I

Site name and location address. Complete items A through H.

A. EPA ID No.	B. County
C. Site/company name	D. Has the site name associated with this EPA ID changed since 1993? ☐ 1 Yes ☐ 2 No
E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.	
F. City, town, village, etc.	G. State / H. Zip Code

SEC. II

Mailing address of site. Instruction page 8.

A. Is the mailing address the same as the location address? ☐ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address.	
C. City, town, village, etc.	D. State / E. Zip Code

SEC. III

Name, title, and telephone number of the person who should be contacted if questions arise regarding this Report. Instruction page 8.

A. Please print: Last name / First name / M.I.	B. Title	C. Telephone / Extension

SEC. IV

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last name / First name / M.I.	B. Title
C. Signature	D. Date of signature MO. DAY YR.

TNRCC ID NO. ☐☐☐☐☐☐☐ **EPA ID NO.** ☐☐☐ ☐☐☐☐☐☐ ☐☐☐☐☐☐ ☐☐☐☐☐☐

SEC. V **Waste Minimization Activity during 1994 or 1995.** Instruction page 8.

A. Did this site begin or expand a **source reduction** activity during 1994 or 1995?	B. Did this site begin or expand a **recycling** activity during 1994 or 1995?	C. Did this site systematically investigate opportunities for **source reduction or recycling** during 1994 or 1995?
☐ 1 Yes ☐ 2 No	☐ 1 Yes ☐ 2 No	☐ 1 Yes ☐ 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional **source reduction** activities in 1994 or 1995? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices.
☐ 1	☐ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes.
☐ 1	☐ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment.
☐ 1	☐ 2	d.	Concern that product quality may decline as a result of source reduction.
☐ 1	☐ 2	e.	Technical limitations of the production processes.
☐ 1	☐ 2	f.	Permitting burdens.
☐ 1	☐ 2	g.	Source reduction previously implemented – additional reduction does not appear to be technically feasible.
☐ 1	☐ 2	h.	Source reduction previously implemented – additional reduction does not appear to be economically feasible.
☐ 1	☐ 2	i.	Source reduction previously implemented – additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☐ 2	j.	Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initiate new or additional on-site or off-site **recycling** activities during 1994 or 1995? (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☐ 1	☐ 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practices
☐ 1	☐ 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production process
☐ 1	☐ 2	c.	Recycling is not economically feasible: cost savings in waste management will not recover the capital investment
☐ 1	☐ 2	d.	Concern that product quality may decline as a result of recycling
☐ 1	☐ 2	e.	Requirements to manifest wastes inhibit shipments off-site for recycling
☐ 1	☐ 2	f.	Financial liability provisions inhibit shipments off-site for recycling
☐ 1	☐ 2	g.	Technical limitations of production processes inhibit shipments off-site for recycling
☐ 1	☐ 2	h.	Technical limitations of production processes inhibit on-site recycling
☐ 1	☐ 2	i.	Permitting burdens inhibit recycling
☐ 1	☐ 2	j.	Lack of permitted off-site recycling facilities
☐ 1	☐ 2	k.	Unable to identify a market for recycled materials
☐ 1	☐ 2	l.	Recycling previously implemented – additional recycling does not appear to be technically feasible
☐ 1	☐ 2	m.	Recycling previously implemented – additional recycling does not appear to be economically feasible
☐ 1	☐ 2	n.	Recycling previously implemented – additional recycling does not appear to be feasible due to permitting requirements
☐ 1	☐ 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments:

SITE NAME _____

EPA ID NO. |_|_|_|_|_|_|_|_|_|_|_|_|

TNRCC ID NO. |_|_|_|_|_|

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

1995 Waste Minimization Report

FORM

WM

WASTE MINIMIZATION

INSTRUCTIONS: Read the detailed instructions beginning on page 11 of the 1995 Waste Minimization Report booklet before completing this form.

SEC. I

A. Waste description – Instruction Page 13.

B. EPA hazardous waste code Page 14.

C. State hazardous waste code Page 14.

D. SIC code Page 14.

E. Origin code Page 14. System Type |M|

F. Source code Page 15. |A|

G. Point of measurement Page 15.

H. Form code Page 15. |B|

I. RCRA – radioactive mixed Page 16.

SEC. II

A. Quantity generated in 1994 Instruction Page 16.

B. Quantity generated in 1995 Page 16.

C. UOM Page 16. Density

☐ 1 lbs/gal ☐ 2 sg

D. Was this waste recycled in 1995? Page 16.

☐ 1 Yes (CONTINUE TO BOX E)

☐ 2 No (SKIP TO SEC. III)

E. On-site recycling Page 16. Quantity recycled on site in 1995

F. Off-site recycling Page 17. Quantity recycled off site in 1995

SEC. III

A. Activity Page 17. |W| |W| |W| |W|

B. Other effects Page 17.

☐ 1 Yes

☐ 2 No

C. Quantity recycled in 1995 due to new activities Page 17.

D. Activity/Production Index Page 17.

E. 1995 Source Reduction Quantity Page 19.

Comments:

TNRCC-0298 (Revised 12-15-95)

1995 WASTE MINIMIZATION REPORT SUBMISSION CHECKLIST

Please review the following checklist to make sure that your site's submission is complete and correct.

Have you:

- ☐ Included Form IC, answering questions on both front and back of the form?
- ☐ Prepared a complete, separate, and independent Form WM for each hazardous waste minimized as a result of new activities in 1995?
- ☐ Checked that "NA" is entered, as appropriate, for all items that do not apply to your site?
- ☐ Numbered every page in your submission consecutively so that both the individual page number and the total number of pages appear at the bottom of the page?
- ☐ Right justified all quantity entries?
- ☐ Signed the certification statement in Section IV of Form IC?
- ☐ Made a copy of the 1995 Waste Minimization Report to retain with your records?

This checklist is for your own use and is not to be returned.

If this site is NOT required to file the 1995 Waste Minimization Report, complete and return the attached postcard. The card indicates that you are exempt from the report requirement. EPA will use the postcards to distinguish sites exempt from reporting from those sites out of compliance. Return the card to the TNRCC address on page v of the instructions.

This site is exempt from the requirement to file the 1995 Waste Minimization Report because:

- ■ the site was not a RCRA Large Quantity Generator in 1995.

  AND

- ■ the site did not treat, store, or dispose of RCRA hazardous wastes on site in units subject to RCRA permitting requirements in 1995.

It is expected that this site will remain exempt from the requirement to file the Waste Minimization Report:

Check one:

- ☐ For 1995 only
- ☐ Permanently
- ☐ Other (Explain: _____)

TNRCC ID NO. |_|_|_|_|_| EPA ID NO. |_|_|_| |_|_|_| |_|_|_| |_|_|_|

Site Name _____

Site Location Address _____

City: _____ State: _____ Zip: _____

Contact Name: _____

Phone Number of Contact: ( ) _____

Place
First Class
Stamp
Here

TEXAS NATURAL RESOURCE CONSERVATION COMMISSION
Industrial & Hazardous Waste Division
Waste Evaluation Section - MC 129
P.O. Box 13087
Austin, Texas 78711